

BOOK No 6

)(

H.A. ALLARD.

Field
Collection
NUMBERS

7448-8777

Sept. 23 and 24, To Woodstock, Va., with T,
and North Mt., west Va., ^{up} clearing from Trout Run
to Aviation Tower, and on Sept. 24, west of the
power line clearing between Woodstock and
Strasburg, over North Mt., into valley beyond,
thence to 55 highway to Strasburg, Va.,

Oct. 4, 1939, To High Point and west slope
from Costello's with M. E. C. Leonard of
U. S. Nat. Museum.

October 8, 1939. To Bull Run Mt., Va. with
S. P. T. Cover area from a line west
of White Rocks (north of Haperell Gap)
to highway to Halfway (west) and to
a line about $2\frac{1}{2}$ miles north, and
east to foot of Bull Run slopes.

October 14-15 ¹⁹³⁹ To Devils Hole Mt. south of
roadway from abandoned CCC camp on
top of North Mt., west of Edinburgh, and to
south end of Short Mt., with D.

October 22, 1939. To Haperell Gap and area
on west slope of Bull Run Mt., below High Point
with T.

October 29, 1939. To Bull Run Mt., Va. covering
area at foot, west slope, of High Point
ridge and cliffs scarp, with K.

November 12, 1939. To Bull Run Mt., with
T. Covered area from Costello's quarry
spring along west slope of High Point
ridge and top of High Point cliffs.

See # 8733. Carex leptomeria -
new to W. Va.

Allard, H. A.

Va., W. Va.

1939-1941

Book 6.

Field Notes nos. 7448 - 8777.

8466a Hood purple with short stripes
aff. *f. zebrinum*

8466b. Hood purple with still longer stripes,
= closer to *f. zebrinum*.

8466c = Hood purple, stripes long as hood,
but narrow and purplish; very near
f. zebrinum.

8466d = *Arisaema atrovirens*
f. zebrinum (Linn.) Fern.
Hood purple with long pale
greenish stripes

all forms of *A. atrovirens*
ranging from - purple to striped
hood (*f. zebrinum*)

In event of death turn this
book over to Mr. E. C. Leonard
of the U. S. National Herbarium.
H. A. Allard,

See #8201. Massey (letter of Dec. 9, 1942
says it is *Vitis cinerea* var. *floridana* Munson,
= *V. simpsoni*, according to W. H. Bailey -)
See Fernald in Rhodora 38: 426-428. He
separates this var. on basis of rusty
tomentum. See L. H. Bailey in Gentes
Herbarium, 3, 181 & 205-207 also.

See #7462 = *Agrimonia rotundata* Wallr.
Maclura pomifera (Raf.) Schneider is
at old cabin south of Hagerell sat near
white oak grove, and near Broad Run
station: not collected.

White Poplar in flower on the Triassic
area at Haymarket, Va 3-31-1940.
Not found in Bull Run mt. area proper.
Draba verna in full bloom March 24, 1940
(see trip)

a pure white form of *Hepatica triloba*
along lane from Harris's House to where
we parked: full bloom April 7, 1940. = #7606

Pure white form *Viola pedata* #7634
on short mt, shale, May 5
Nicotiana glauca Donnell = #7612

#8273 *Malus glaucescens* Rehd. ? all
in Nat. Arboretum Herbarium. (coll. Oct. 13, 1940)

#8275 to 8297 inc. prepared and sent to
Dr. Richard Evans Schultes, Botanical Museum at
Harvard University, Oxford Street, Cambridge Mass,
October 23, 1940.

#8301 *Cetraria islandica* on Big Bald Trail
where it turns off to Knob 1 mile. + land
saddle

Turn off to Big Bald
Knob
B-2-B-1
Canal Tadd
Mistletoe first record for Bull Run area = Nov. 21, 1940
Manufactured by S. Government Printing Office
= #8327

November 19, 1939. To Bull Run Mt. with T., covering area south of Hapnell Gap from Castello's spring & Riley's spring on west wooded slope to High Point Cliffs.

November 26, 1939. To same areas as for November 19, 1939 with T.

December 3, 1939. To High Point Cliffs with D. Clear - windy - temp. about 48°-50°.

December 10, 1939. To the west slope of High Point ridge, covering the area south of Hapnell Gap, including the "morphological" areas, and the High Point Cliffs; to take photographs. with T.

December 24, 1939. To High Point Cliffs via the valley road with D, then north to Hapnell Gap nearly back along west slope to High Point and on to car at Thoroughfare Gap (Berkeley).

January 21, 1940. To High Point Cliffs with T. Met Paul Bradt, Mr. Thomas and 3 others rock climbing. Light snow on ground.

February 4, 1940. To High Point Cliffs with T. 3 1/2 - 4 in. snow on ground.

Feb. 11, 1940. To High Point Cliffs with T. Took climbing lesson with rope from Paul Bradt, using middleman's knot for ladder, Banline for roping people together etc.

Feb. 18, 1940. To Bull Run Mt. with T.

walking from Berkeley Mill to High Point Cliffs snowed a little, then rain at 3 P.M.

p.H. on Buzzard Mt., flat rock
see - #8562.

March 24, 1940. To High Point from Thoroughfare Gap with T.

March 31, 1940. To west slope below High Point Cliffs from Castello's with T. walked by Pedometer (set 30 in step) just 5 3/8 miles = 5 3/4 miles.

April 7, 1940. To Belts then east over ridge to flagstone quarry then down to Harris' swamp and back to car at colored house below White Oaks - walked 3 3/8 miles by Pedometer.

April 11, 1940. To Berkeley Mill, Thoroughfare Gap, Bull Run Mt., with - walked to High Point and beyond, and down west slope 7 1/8 miles by Pedometer. shed bark in bloom on 211 at Bull Run Bridge; none in bloom at Thoroughfare Gap or on the ridges.

April 28, 1940. To Thoroughfare Gap with T. following down Broad Run 4 miles east by Pedometer - walked 7 miles at return, as we straightened our course ^{on return} 100 sunshines out of possible 10070 or 13 hrs. + *Mertensia virginica* in full bloom - areas of blue 4 miles down - just in its prime - as *Claytonia*, violets, *Erythronium*, *Shad - Cypripedium* etc.

May 4, 1940. To Front Royal, May 5, To south end of Short Mt., Massanuttes, via. Ponells Hot Valley. Redbuds everywhere at height of Beauty especially on limestone south of Strasburg, Va. *Isatis tinctoria* at Bridge at Riverton not in bloom.

May 12, 1940. To region just south of Castello's at Hapnell Gap, white oak grove, pastures, nest etc., with T. walked by pedometer 8.2 miles.

May 18, 1940. To Trout Royal, and on May 19, to shales at end of Pughs Run road just north of Woodstock. Met old couple Mr. & Mrs. Boyer living on 200 acre farm between Shenandoah and the shale barrens at end of Pughs Run road, he 78 years old, she 80 years old. Pedometer registered $5\frac{1}{4}$ miles.

May 30, 1940. To Ball Run Mt., parking at Castello's; walked north through pastures to bare areas where plots were planted to corn, then up slope toward High Point Ridge and return to car. Pedometer registered $4\frac{1}{4}$ miles at 27 in step (including).

All previous trips to May 18 above - pedometer set at 30 inches and gave $1\frac{1}{4}$ miles per actual mile: hence reduce this amount for May 18 and earlier.

June 9, 1940. To bare plots at Hapnell Gap with D.

June 15-17, 1940. To Woodstock area (about Pughs Run) Shale Barrens with H (T.). Tested Pedometer and with step of 29 inches, 1 mile registered exactly by automobile.

June 30, 1940. To fertilizer plots (barren soils) and to High Point cliffs with T. walked just $5\frac{1}{2}$ miles. from Castello's down road to #55 via Hapnell & Broad Run road 3.4 miles.

July 14, 1940 To Thoroughfare Gap with Clarence (walked $6\frac{1}{2}$ miles by pedometer. covered area along valley road to Hapnell Gap and to bare areas to High Point and return.

Anemone graciosa L. Woodstock, Va.
in farm yard at Woodstock, Shenandoah Co.
abundant, low, ascending. Sept. 24, 1939
H.A. Allard

7448
(2)

7449 *Mint*: *Marrubium vulgare* L. ditto
(2) near # 7448 in same farm yard
(see 7455 - bee entered by mistake)

7450 *Spiranthes* North Mountain, near
(1) (very pubescent) of Woodstock, Va., Hardy Co.
In woods near road slope where higher
ledges at top (2500 ft.) are cut through into
valley below. line is cut through to valley.





7451 *Aster macrophyllus* L. ditto
(2) on west slope near ledges on road
down to valley where we walked: 2500 ft.
In woods: abundant.





















7452 *Quercus muhlenbergii* Arb. at top of ridge ditto
(1) Southern form, where very at ledges.
shallow saucer-like
at 2500 ft. near # 7450.

7453 *Solidago erecta* Pursh. ditto
(1) At top of mountain, west slope
on road road down at 2500 ft.
Stems smooth below; some nearly like
7454 typical form.

(2) *Solidago erecta* Pursh. var. ditto
near # 7453; stems and leaves
more pubescent below; atypical therefore.

Marrubium vulgare L. Woodstock, Va
#7449 (See) farm yard with sheppard Co
(2) Sept. 24, 1939
H.A. Allard, error.

7455 #7448
(1) Calyx teeth hooked; alternate ones shorter. = Horehound.  entered here
Sphagnum  = Horehound.  entered here
Subsp. at spring  on trail from Sugar Creek to H.A. Allard

7456 #7447
(1) *Stylacanthus biflorus* (L.) B.S.P. Bull Run Mt., Va
on railroad tanks at Berkeley Mill, Tangier Co
Past flower.                    

Crataegus margaritella Ashe Bull Run Mt., Va
in high wooded
7469 pasture west of Castello's
low, bushy, very (X 601) and below High Point
||| productive: fruit ripe cliffs. Oct. 4, 1939
H.A. Allard. e

7470 *Crataegus margaritella* Ashe.
||| Same pasture with # 7469 ditto e

7471 *Polystichum acrostichoides* (Michx.) Schott.
||| In edge of same wooded field with # 7469, ie just beyond
Riley's ravine - see yellow violet grow. ditto e

7472 *Bidens frondosa* L.
||| Roadside in front of Castello's;
damp soil; abundant. ditto e

7473 *Citrullus vulgaris* Schrad
||| (watermelon)
at Castello's quarry; vigorous;
young fruits 2 inches long. ditto e

7474 *Datura stramonium* L.
||| Roadside at gate to Castello's
quarry, Hagerell Gap highway # 601 ditto e

7475 *Corallorhiza odontorhiza* Nutt.
||| In woods near foot of High Point
cliffs west slope. ditto e

Panicum Upper Marlboro, Md.,
Sent in by Dr.
D.E. Brown.
On plots (experimental) Oct. 4, 1939
7476 abundant. H.A. Allard.
||| = *Panicum brachyae* Ashe
var. *fasciculatum* (Torr.) H.P.C. e

7477 Leaves of *Vitaceae*
||| ~~unidentified~~ *prunifolia* Bull Run Mt., Va
with mildew = Tangier Co. Oct. 8, 1939
H.A. Allard
(pasture west of Belts' area north of Hagerell Gap
Microspora alni (D.C.) Wint. is from a line east of Belts'.
white rocks to half way, thence to Belts'.

7478 Leaves of Black gum *Nyssa sylvatica*
||| with leaf spot = *Phyllosticta nyssae* Che. ditto
Leaves much colored
(west of Belts' with # 7477)

7479 *Lespedeza virginica*
||| In wooded field west of Belts'
with fungus (black dots on leaves beneath)
rust = *Uromyces lespedezae-procumbentis* (Schm.) Curt. III ditto

7480 *Lespedeza violacea*
||| with black dots (fungus) beneath leaves.
In wooded field west of Belts'.
abundant, (plant and fungus). ditto
= *Uromyces lespedezae-procumbentis* (Schm.) Curt. III

7481 *Solidago nemoralis*
||| Rust under leaves (yellow)
In wooded pasture near # 7480: abundant
plant and fungus. ditto

7482 Black oak (*Quercus velutina*)
||| Mildew on leaves. Edge of
woods 1 mile west of Belts'. ditto
= *Phyllosticta corylea* (Pers.) Karst.

Symphoricarpos cubicularis Bull Run Mt., Va.
(hidden on leaves) Fanninger Co., Va.

Oct. 8, 1939

H.A. Allard

7483

area north

of line from White Rocks west to highway
to Halfway and north to Halfway and
east to Bull Run slopes.

Microstachya diffusa C. & P.

7484 *Lespedeza frutescens*

(1) leaf spots beneath leaves =

ditto

In high woods edge field west of Belts.
abundant plant & fungus.
Uromyces lespedezae-procumbentis (Schum.) Furt.

7485 *Carya glabra* (Mill.) Spach

(2) In high pasture west of Belts. ditto

7486 *Corallorhiza odontorhiza* Nutt.

(1) Beneath an apple tree where
abundant west of Belts 1 mile, where
slope falls steeply to highway to Halfway. ditto

7487 *Polygonum scandens* L.

(2) climbing, false cucumber

ditto

In thickets N.W. of Belts 1 1/2 miles.

7488 *Aster lateriflorus* (L.) Britt. v

(2) Near # 7487, in opening
in woods; abundant in open
thickets and old pastures here. ditto

7489 *Solidago bicolor* L. v

(1) *Solidago bicolor*: found in a colony
of white-ray normal plants in
woods on dry slope near # 7488.
My first record for Bull Run Mt. of
this yellow form of *bicolor*. ditto

Solidago bicolor L. v
(white rayed; very pubescent)
the colony near # 7489 was

7490

found.

(1) is north of an east-west line from
White Rocks and on to Halfway, at west
of Belts. e

7491

Tridactema dichotomum L.

(2)

In recently cultivated field north
of Belts one mile; abundant here:
Past Bloom. ditto

7492

Cassia marilandica L. v

(1) In open pasture west of Belts
1/2 mile - ie north of Hagerell Gap 1 1/2 miles.
Past Bloom. ditto

7493

Bark lichens

(1) on Chestnut Oak tree
in woods well down in
valley.
(Gray, dark) miscol. Dapils Hole Mt., west Va.
near abandoned colored
CCC camp, Oct. 14, 1939
H.A. Allard.

7494

Bark lichens

(1) on same tree with # 7493

ditto

7495

(1) Bark lichen on
quartzites at top.

October 15, 1939

H.A. Allard

(dark grey close)

South end of Short Mt., Va.
Oct. 15, 1939
H.A. Allard
Shenandoah Co.

7496

(1) *Rhytisma punctatum* (Pers.) Fr. ditto
small Tan-like spots on upper surface leaves
of *Quercus pennsylvanica*

(Fungus)
brown or tan spot fungus

Rhynchospora pinnatifida (Pers.) Deile Hole Mt., West Va.
Hardy Co., west slope

7497 *Acer saccharum* H.A. Allard, October 14, 1939
in young
11) in valley fields at foot of west slope. looking south from colored CCC camp now abandoned at end of North Mt., Va.

7498 *Cercifora hutchinsiae* E. & M. ditto
11) on *Nerchura americana*
on west slope we ascended to peak, though bear oak thickets. (fungus)

7499 *Aster laevis* L. v. south end of Short Mt., Va. Shenandoah Co.
east of Mt. Jackson, Va.
On shales below cliffs; full Oct. 15, 1939
fl. brown: abundant. H.A. Allard.

7500 *Lycopodium complanatum* L. fern
var. *platyphyllum* T. & G.
13) in var. *platyphyllum* T. & G.
in valley below cliffs, south of Wardenburg highway: abundant: bedding masses of rock.

7501 *Hepatica* ditto
11) on bark of old log at high cliffs west slope Devils Hole Mt.,

7502 *Hepatica* ditto
11) on bark of tree near # 7501 (west Va.)

7503 Moss (in print) ditto
11) on bark of fallen log west slope near # 7501

Solidago arguta Nutt. v. south end of Short Mt., Va.
Shenandoah Co.,

7504 *Solidago arguta* Nutt. v. October 15, 1939
12) large, vigorous clumps, passing brown: scattered here.

7505 *Aster oblongifolius* Nutt. v. ditto
13) on barren shales below cliffs: passing brown: deep blue rays: large areas in nearly pure stand - 1 1/2 - 2 ft high.

7506 *Desmodium illinoense* L. at abandoned CCC camp
13) below for colored, at top of North Mt., Va.
abundant in here, Va., on Wardenburg highway from Columbia Turnpike, roadside. Oct. 14, 1939. H.A. Allard
need on west slope toward Wardenburg, Hardy Co., West Va.
where abundant: *L. cuneata* E. & G.

7507 *Azalea canadensis* Michx. Deile Hole Mt., West Va.
near # 7500 on rocky west slope. Oct. 14, 1939
one bush in full bloom. H.A. Allard.

7508 Small *Lycopodium* Bull Run Mt., Va.
Many on dead log on bark just below High Point. west slope in woods below High Point, Wanger Co.
Holes for shores at any point in top or side. H.A. Allard
Oct 22, 1939

7509 *Lycopodium hyssopifolium* Schaff. ditto
11) on bark of tree at base near ground just below High Point cliffs.

7510 *Silene* on leaves of Pin Oak in Castille's high browned pasture. ditto

Rock lichen
from rocks at High Point
cliffs.

7511

seal

Bull Run Mt., Va
Fauquier Co., Va
Oct. 22, 1939
H.A. Allard
on rocks, west slope.

7512 collection of
one Rock Lichens from
(top) High Point cliffs.

Bull Run Mt., Va
Oct. 29, 1939
H.A. Allard
High Point cliffs.
Fauquier Co.
west slope.

7513

Boys rock lichens near # 7512

11/

ditto

7514

Boys rock lichens near # 7512

11/

ditto

7515

Black spots about size of pin head
on leaves of *Vaccinium* ~~atrocarpum~~
at foot of High Point cliffs.

Rhytisma vaccinii Fr. (immature)

ditto

7516

Mildew on Black oak, scarlet and
red oak leaves: with tiny black dots where
fruiting

= *Phyllactinia corylea* (Pers.) Karst.

ditto

7517

on bark of dead
red oak log below High
Point cliffs (west slope)

Bull Run Mt., Va
Fauquier Co.
November 12, 1939
H.A. Allard

Hepatic.

Reddish - on bark of
chestnut oak near

7518

base, below High west slope of High Point ridge
11/ Point, south of Hofferell Gap.

Bull Run Mt., Va

Fauquier Co.

November 12, 1939

H.A. Allard

7519

Polyporous hirsutus (Wulf.) Fr.

ditto



on bark of dead red oak log
(*Quercus muhlenbergii*) below High Point.

Ident. by J. A. S.

7520

Boys of bark lichens.

11/

on chestnut oak trunks
in woods below High Point cliffs
(west slope).

ditto

7521

Rock lichens.

11/

(several) on cliffs of short ridge west
of Castell's quarry ridge.

ditto

7522

Boys rock lichens

11/

From High Point cliffs

Bull Run Mt., Va

Fauquier Co

November 19, 1939

H.A. Allard

west slope below High Point
ridge.

7523

Bark lichen

11/

on red oak tree

Near # 7522

ditto

7524

Bark lichen

11/

on red oak tree

Near # 7522

ditto

Cladonia cristatella f. *vestita* Tuck. Bull Run Mt., Va.
on soil of browned edge field above Riley's
7525 old cabin near H. G. Allard
Hitch. pines, between west slope below High Point cliffs.

7526 *Cladonia papillaria* f. *molariformis* (Hoffm.) Schaer
on ground with # 7525 [K] (yellow) ditto
[P] the squamules are something like.

7527 *Cladonia onocracea* f. *truncata* (Ther.) Wain.
on horizontal rock on thin soil layer below High Point cliffs ditto

7528 ~~Bark lichens~~ *Frullania eborensis* (Gottsche) Wain.
Hepatic (red) ditto
on red oak bark west slope south of Haperell Gap above Riley's south

7529 *Cladonia papillaria* f. *molariformis* (Hoffm.) Schaer.
on soil of browned edge field with # 7525 ditto

7530 *Cladonia papillaria* f. *molariformis* (Hoffm.) Schaer.
on soil beside # 7525 ditto
7530a *C. subvariosa* f. *evoluta* Wain. and
C. subvariosa f. *squamulosa* Robbins.

7531 *Cladonia squamosa* (Sw.) Hoffm.
on thin soil layer on horizontal rock below High Point. ditto
7531a *C. cristatella* f. *vestita* Tuck.

Cladonia Bull Run Mt., Va.
on horizontal rock with # 7531
7532 and same sp. H. G. Allard
= *C. squamosa* (Sw.) Hoffm. west slope below High Point cliffs.

7533 Bark lichens ditto
on red oak bark west slope south of Haperell Gap.

7534 *Cladonia delouphalea* f. *heterogala* (Ther.) Wain.
on thin soil on rock shelf below High Point cliffs. ditto

7535 *Cladonia papillaria* f. *molariformis* (Hoffm.) Schaer.
on soil in browned edge field in interspaces with # 7525 ditto

7536 *Cladonia uncialis* (L.) Wreb.
on thin soil on horizontal rock shelf at High Point cliffs. = *C. uncialis* ditto

7537 *Polyhormus pisipes* Fr.
Sieve: On bark of dead red oak log, west slope below High Point cliffs. ditto
Large: tan bark above in depression. Ident. by J. A. S.

7538 Moss
yellowish green, fern-like
on horizontal rock west slope below High Point cliffs: slight again soil; peels off rock readily. ditto

Mass
shining green.
on horizontal rock
on thin organic soil
7539 in competition with
" # 7540.

Bull Run Mt., Va
November 19, 1939
H.A. Allard
Fauquier Co
west slope below
High Point cliffs.

7540 moss
"1" quite yellowish green: on horizontal
rock on thin organic soil in competition
with # 7538 ditto

7541 Hepatic.
"1" dark reddish brown. on horizontal
or sloping rocks on thin organic soil or
bare rock, & easily peeled off; near # 7539
& 7540 ditto

7542 Cladonia
"1" (reindeer)
on soil near *Pinus rigida* colony in
interspaces of old brown edge filled
just above Riley's spring, south of
Hofersell Gap ditto

7543
"1" Boop rock lichens.
Fauquier High Point cliffs
and below. Bull Run Mt., Va
Fauquier Co.,
November 26, 1939
H.A. Allard

7544
one top with # 7543
rock lichens ditto

7545
one top with # 7543
rock lichens ditto

7546
one top
rock lichens

7547
one top
rock lichens near # 7543

7548 *Tungus*
"1" ~~mycophagous~~ on *Ceanothus*
East slope below High Point cliffs: ditto
Very rare. ~~americanus~~ in tufts

7549
"1"
Hepatic - on thin soil of wall around
Riley's cabin spring, just south of
Hofersell Gap, west slope, Fauquier Co ditto

7550
"1" moss at base of tree (oak) near ditto
7549

7551 Boop rock lichens Bull Run Mt., Va
"1" from top of cliffs and Fauquier Co
a short ways down on Dec. 3, 1939
outcrops of east slope. H.A. Allard
at and around High Point
cliffs.

7552 One top rock lichens.
"1" with # 7551 ditto

Bull Run Mt., Va
Fauquier Co
H.A. Allard
from High Point cliffs
and west slope.
November 26, 1939

3pp grayish white bark crustace Bull Run Mt., Va
lichenes from chestnut oak tree Fannin Co
Very abundant, making Dec. 3, 1939
7553 British patches on all H.A. Allard
" bark - as if more color. From and near High
Point Cliffs

7554 Top of deep yellow lichen in ditto
" crevices of thick bark of old chestnut
oak tree - and at 6-20 feet up only on
western exposure: frequently seen on
bark.

7555 Bark lichen (on *Pinus pungens* ditto
" bark etc., on *Kalmia latifolia*
bark & twigs at Top of High Point Cliffs.

7556 Top gray (lead) *Parmelia* on ditto
" *Kalmia latifolia* twigs & bark near
* 7556. Very abundant here.

7557 *Cladonia* + *Parmelia* (?) ditto
" on *Pinus pungens* bark at High Point Cliffs
7557A = *Cladonia bailloni* (Ach.) Nyl. (shortly) P
7557B = " *chlorophylla* f. *simplex* (Hoffm.) Arn. P+.
7557 = *Anaptyleia aquilae* (Ach.) Mass.

7558 *Cladonia* ditto
" on *P. pungens* bark and twigs of
Kalmia latifolia: near * 7557
Anaptyleia major (Nyl.) Fink.

7559 Moss ditto
" on large horizontal rock just east
of High Point crest where we cooked chaps
a pure stand on thin black mossy soil;
easily lifted off and easily separating.

Lichen (bairy)? on vertical Bull Run Mt., Va
rock at top exposed to west side, Fannin Co
but deep in a thicket of *Kalmia*. Dec. 3, 1939
a large rock, with at and near High Point Cliffs
7560 vertical surface H.A. Allard
" covered with this and another = * 7561
and the reddish * 7562

7561 Dark red hepatic conferting ditto
" with the yellow green *Parmelia* so
common on trees & rocks =
Parmelia veronesii it: on same vertical
surface as * 7560
Frullania asagrayana Mont.

7562 Lichenat conferting with ditto
" * 7560 on same rock.
Entire surface (vertical 3 ft x 6 ft) covered
with these three, all easily peeled off.
Jamesoniella autumnalis (D.C.) Steph.

7563 *Nectria* (red) on galls on Bull Run Mt., Va
" trunk of small hickory Fannin Co
near Castello's spring south Dec. 10, 1939
= *Nectria galligena* Bres H.A. Allard
red slope

7564 *Endothia blueni* Shear & Osterens ditto
" *Endothia* (orange) on rock
" chestnut oak at High Point Cliffs

7565 *Sedum telephium* 7565? Ident by Robert F. Martin
" 12/ originally from Bull Run Mt., Va by roadside just west of Antioch, Va
4-11-38. From in greenhouse (local) under
2-200 watt electric lights with reflector from Aug. 30, 1939.
Buds 9-30; Fls 11-28. Specimens collected
Dec. 18, 1939; very bluish green; contents only
several inches high; succulent. J. J. Cappel
Sedum 11/ *Sedum* from heavy woods of east slope of
High Point Ridge 1 1/2 miles W of Thoroughfare Gap.
9-21-36 (over bluffs in woods to east of
to light with * 7562. Buds 9-30. Fls 11-28 at 2500 ft.
Specimens collected Dec. 18, 1939. H.A. Allard

= *Sedum telephium* (Knights) orig from
Vt. To coal house (50°-55° F) Aug. 30, 1939 -

Buds 9-25-39 F. B Nov. 7, 1939

7567 Lichen 2-200 with lights S J capsules,
15 specimens made Dec. 18, 1939; steamed
in can in Bacon's lab.
7565 - 7566 - 7567 all appear to
be identical. H. A. Allard

(Examination) H. A. Allard Report F. Martin 12/27/39
of Dis. of Plant Introduction and

7568 Fungus (brown) on dead oak twigs Bull Run Mt.,
(scrap sticks) = *Lophium cinnamomeum* Fr. At High Point Cliffs,
Tangier Co.,
Dec. 24, 1939.
H. A. Allard

7569
one top
rock lichens

ditto

7570
one top
rock lichens

ditto

7571
one top
rock lichens

ditto

7572
one top
rock lichens

ditto

7573
bark lichens

ditto

at High Point Cliffs

Bull Run Mt. Va
Tangier Co
at High Point Cliffs
Dec. 24, 1939
H. A. Allard.

7574
one top
rock lichens.

7575 Moss on ground Bull Run Mt., Va
" at base of tree Tangier Co
on trail from Roseley Feb. 11, 1940.
to High Point Cliffs - and H. A. Allard,
near this point; capsules present

7576 Moss
" on soil near # 7575.

ditto

7577 Moss
" on soil near # 7575

ditto

7578 Lichen - bright yellow on
" bark of Chestnut Oak near
High Point Cliffs.

ditto

7579 *Hepatic Trullania eboracensis* Gottsche
" On bark of highway tree
on way to High Point Cliffs - i.e.
near # 7575 ditto

7580 *Calostoma roseum* (Berk.) Mass.
" Bull Run Mt. Va
Near Roseley Mill.
Tangier Co
Feb. 18, 1940
H. A. Allard.
On level ground in pines N. of
Mill where sweet fern grows
Mouth crimson. ♂ shape; easily
falls away and found on ground.

Boop gray bark lichens
on chestnut oaks at
High Point Cliffs.

7581

||

Bull Run Mt., Va
Fauquier Co.
Feb. 18, 1940.
H.A. Allard
on rocks at High Point Cliffs

ditto

one top rock lichens -
7582 small gray, circular
|| at High Point Cliffs -
very abundant. Prefers
smooth quartz surfaces.
Parmelia like - $\frac{1}{2}$ - 1 in circles.

7583 Boop rock lichens - small, dark,
|| foliose - on smooth hard, smooth
vertical quartz surfaces at High Point
cliffs

ditto

7584 On bark of big chestnut oak trees
|| at High Point Cliffs - gray
Parnelias.
very abundant

ditto

7585 Boop of small gray
|| Parmelia (?) = like #7582
on cliffs at High Point Cliffs.

ditto.

7586 white crustose lichen
|| on dead twigs of mulberry
in the writer's garden.
appears to be the only lichen here.
Arthopyrenia punctiformis (Schrank.) Mass.

Lyon Park Va
Arlington Co.,
March 5, 1940
H.A. Allard.

7587 Pinus rigida forma globosa Bull Run Mt. Va
(several) In pasture just south of
Hafenell Gap.
This is the
Type number.

Fauquier Co.,
March 10, 1940
H.A. Allard.
at Hafenell Gap.

Pinus echinata Mill Bull Run Mt., Va
Large tree (only specimen) Fauquier Co.
in Bull Run area, just March 10, 1940
7588 south of Hafenell Gap road. H.A. Allard.

81
7

7589 Nicotiana glauca Domin. March, 1940
|| grown in bin hot under light
at Arlington, Va. Winter 1939-40
seed obtained from near Hermannsburg,
Central Australia as (Dulcisia hopwoodii)
(No material in National Herbarium - empty)
7590 two poor specimens of N. glauca.


|| Mass Bull Run Mt., Va
on bank in old field on Prince William Co.,
valley road north of R.R. where North of Thoroughfare Gap
old house & altar hole was - March 24, 1940
1/2 mile N of R.R. H.A. Allard.

7591 Mass
|| on tree trunk - east slope of
High Point Ridge, ditto


7592 Boop rock lichens Bull Run Mt., Va
|| below High Point Cliffs. Fauquier Co.,
south of Hafenell Gap. March 31, 1940
west slope in woods
below High Point Cliffs
H.A. Allard.

7593 Boop rock lichens
|| below High Point Cliffs with #7592 ditto

7594 Fungus on dead twig ditto
|| near #7592
= Daedalea confragosa (Balt.) Fr.
det. by J. A. S.

|| Bsp. Rock lichen in Bull Run Mt., Va
woods down slope - small Tangier Co.
gray on flat rocks etc. west slope in woods
Local. Easily detached below High Point.
March 31, 1940
7595 (Pure collection) H.A. Allard
||  *Dermatocarpon minutum* (L.) Mann., var.
complicatum (Light.) Tie.

7596 Bsp of one species - of rock ditto
|| lichen - thin, wrinkled, gelatinous
when wet. Hacks.
on same rock with #7595 in woods
below High Point cliffs (pure collection)
Local. *Collema granosum* (Schreb.) Rabh.

7597 *Cladonia* ditto
|| cup shaped -  on rocks in
woods near #7595

7598 *Cladonia* ditto
|| brown apothecia - on rock
near #7595

7599 Small gray rock lichen - ditto
|| on rocks near #7595
(like small *Parmelia*; apothecia
present) *Physcia lithotodes* Vgl.

7600 *Cladonia* ditto
|| on rock in woods
near #7597.

7601 yellow granular bark lichen ditto
|| on chestnut oak bark in
same woods near #7597
= *Caloplaca microphylla* (Tuck.) Haase.

Mass Bull Run Mt., Va
on rock, below woods, west slope
High Point in woods below High Point
7602 west slope cliffs. March 31, 1940
|| near #7595 Tangier Co.
H.A. Allard.

7603 Moss on rock ditto
|| Near #7602

7604 Moss on bark of dead ditto
|| oak tree in Triassic Area
near Antioch - after leaving
highway 50

7605 A Moss on rock ditto
|| near #7602

7605 B *Myrica asplenifolia* L. Prince William Co ditto
just north of Berkeley Mill, Thoroughfare Gap.
abundant on sandy soils here.

7606 *Hepatica americana* (DC.) Kerr Bull Run Mt., Va
|| Pure white form: abundant Tangier Co.
on Harris's road north of Hagerell Gap
near White Rock: full flower 2-2 1/2 miles
intermingled with purple blue. April 7, 1940
H.A. Allard.

7607 *Hepatica americana* (DC.) Kerr. ditto
|| (Blue-purple colored)
with #7606.

7608 *Salix humilis* Marsh ditto
|| staminate and pistillate abundant in
swamp, below Harris's quarry; full flower
S. Triassic Gap - S. Harris's Marsh, says Dr. Bull
only specimen - from Bull Run.

refuge. on soil
in pine woods west
slope east of Belt's
Bull Run Mt., Va
Fauquier Co.,
2 miles north of Hagerell Gap
April 7, 1940
H.A. Allard
- *Diplophyllum apiculatum* (Erasm.) Stebb.

7610 *Nicotiana glauca* Duran
grown in bin pots in ram greenhouse
(3) at Arlington Farm Va, winter 1939-40.
seed sent near Hermannsburg, Central
Australia as *Duboisia hemsleyi*. No
material in Nat. Herbarium of this. H.A. Allard 1940
(One sheet given to National Herbarium)

7611 in charge Erlanson.
Fungus on dead pine
branch: *P. virginiana*
Polyporus abietinus (Dick) Fr.
Det. by J.A.S.
Bull Run Mt., Va
Fauquier Co.,
west slope north
of Hagerell Gap
April 21, 1940
H.A. Allard.

7612 *Delatouria* (brown) fungus
on dead lichen bark ditto
Tremella s. str. on fallen *Quercus* leaves
7612A = *Venturia orbicula* (Wahr.) Chb. P. Pl.
Det. by J.A.S.

7613 Fungus on dead log ditto
species *Panus stipticus* Fr.
Det. by V.K. Charles

7614 Large black w. fungus ditto
west slope - woods below
High Point cliffs
- *Uromyces craterium* (Sch) Fr. det. by E.K. Cash.

7615 *Geaster hygrometricus* Pers. ditto
near # 7614
det. by J.A.S.

Small gray lichen - Bull Run Mt., Va
black dotted on triassic Prince William Co.
Border conglomerate about April 28, 1940.
3 miles down H.A. Allard.
7616 on Broad Run on Broad Run below
bank. Thoroughfare Rd.
size of quarter or smaller: very much high of
on banks of Broad plain. *Dermatocarpus*
miniatus (L.) Murr.

7617 *Viola* (blue) = *hapilionacea* Pursh.
on flood plain below Beverly Mill. ditto
full bloom; very abundant.
lat. petals bearded.

7618 *Viola scaberrima* Schumacher ditto
Full bloom: very abundant. (yellow)
smooth stems, leaves, capsules: glabrous
(No pubescence here)
3 miles down Broad Run.

7619 *Claytonia virginica* L. ditto
Full bloom: very abundant
3 miles down Broad Run

7620A *Lythrum flava* (Raf.) DC. ditto
(4) very abundant: full bloom
1 mile down Broad Run
7620B - *Lythrum flava* (Raf.) DC. ditto
near # 7619. *Lythrum multiflorum* (L.) Lejeune

7621 *Barbarea vulgaris* R. Br. ditto
in flood plain and
old field 3 miles down
Broad Run. Just coming
into bloom; abundant everywhere
in moist ground.

7622 *Erythronium americanum* Ker ditto
(1) near # 7620: abundant
just in full bloom: yellow.

Grass *Poa cuspidata* Nutt Bull Run Mt., Va
 on high conglomerate April 28, 1940
 cliffs south of Beverly Mill H.A. Allard
 7623 on Broad Run Prince William Co
 on right hand bank on Broad Run
 as stream flows below Thoroughfare Gap,
 1/2 mile down; just in bloom
 Not abundant. Tallest grass to flower
 in this area.

7624 One top rock lichens from
 conglomerate boulders (Border conglomerate)
 of Triassic 3 miles down Broad Run
 from Thoroughfare Gap.
 (several species)

7625 Moss *Grimmia*
 on Border conglomerate of Triassic ditto
 area 4 miles down Broad Run
 left bank, from Thoroughfare Gap
 (several)

7626 *Senecio antennariifolius* Shale barrens of
 on lower slopes south end of Short Mt.,
 very abundant; just in bloom. Massanutten Range,
 Va. east of Mt. Jackson, Va.
 higher up in bloom May 5, 1940
 H.A. Allard.

7627 *Astragalus distortus* T. & G. ditto
 with # 7627. Very abundant; in
 full bloom everywhere: very showy
 blue-purple matts: covered with honey bees.

7628 *Phlox brittonii* Small ditto
 abundant all over shales with
 # 7627: full bloom: very showy -
 pale whitish mostly or pinkish:
 two short purplish spots at base of each corolla lobe.

7629 *Arabis* ditto
 on shales with # 7628
 scattered: just in bloom; yellow to cliffs
 not on direct exposed shales here.

Corydalis flavula (Raf.) DC Shale barrens of
 High up on shale south end of Short Mt.,
 barrens in part of shade; Massanutten Range,
 Va. east of Mt. Jackson.
 7630 larger plants; very abundant; May 5, 1940
 (2) full bloom; H.A. Allard
 Shenandoah Co.

7631 *Viola* (blue) *fimbriatula* Sm ditto
 on shales toward foot: -
 some trees thin: soil good: mostly bare.
 abundant; full bloom.

7632 *Viola* (blue) *glabrous* ditto
 same locality with # 7631:
 here apparently cultivated - on gentle
 shales: abundant; full bloom.

7633 *Viola* (blue) *borviae* Willd. imbricent ditto
 with # 7632: very abundant -
 patches here: very full of flowers, showy.
 on shale barrens: here open thin woods
 on lower slopes.

7634 *Viola pedata* L. (long white form) ditto
 a pure white form: near # 7632.
 only one clump: both color forms abundant here.
 No competition - mostly bare compressed
 shales. changes to bluish all the petals
 in drying - prob. var. *linearifolia* DC.

7635 *Silene pennsylvanicus* Michx. ditto
 on shale in woods near
 cliffs at top of Short Mt.
 Full bloom.

7636 *Amelanchier canadensis* ditto
 at very top of cliffs: full bloom here
 (Buds of *Quercus prinus* scarcely started.)

Potentilla fruticosa L on shale barrens etc
abundant: full bloom
South end of Short Mt., Va
Massanutten Range.
7637 on shales below:
May 5, 1940 Shenandoah
H.A. Allard.

7638 *Muscari racemosum* L Great Valley just
Harris entrance to
Porells Ford Valley,
Massanutten Mt., Va
May 6, 1940
H.A. Allard,
covered roadsides
here: full bloom
some bulbs are in
through. Very fragrant.

7639 *Lithospermum canescens* (Michx.) Schum
In woods just east of large *Cetraria*
colonies on slope above car. One clump of
many stems: first I have ever seen, very shrubby
deep orange.

7640 *Viola papilionacea* Pursh. Allard's Garden
Arlington, Va
In moist soil of backyard. Arlington Co
Very abundant: full bloom.
May 9, 1940.
H.A. Allard

7641 *Ranunculus abortivus* L.
In back yard and garden.
Collected showing variations in sinus of
of basal leaves according to terminal varietal
concepts.

7642 *Arabis thaliana* L. Britton
around old cabin south of
Hafersell Gap and west of
Hafersell-Broad Run Highway.
Full bloom.
Bull Run Mt. Va
Fauquier Co
May 12, 1940
H.A. Allard

7643 *Carex artictica* 7643
In dry woods at top of ridge
near Castell's flagstone quarries - i.e.
at top of ploughed field: abundant here.

Suriana planifolia Muhl Bull Run Mt. Va
with # 7643.
Fauquier Co
May 12, 1940
south of Hafersell Gap
west slope.

7644
This just below cliffs west
of Castell's quarries at top of slope.

7645 *Silphium laciniatum* Marsh ditto
In high brown edge field
south of Hafersell Gap beyond
Riley's old cabin: abundant here.

7646 *Viola rofinoskii* Greene ditto
around old cabin with # 7642.
abundant: mid bloom.

7647 *Veronica americana* L here.
with # 7642: abundant: just in bloom.

7648 *Galium aparine* L ditto
abundant with # 7642 at
cabin: not quite in bloom, but
full bloom in my garden. Will be
full bloom here in a week.

7649 *Stellaria media* L. Cyrill
with # 7648: abundant here, and ditto
in similar situations; full bloom.

7650 *Urtica perfoliata* L ditto
In white oak grove south of Hafersell,
and west of cabin above. Note long
underground stems.
No 1 - one stem 15.5 inches long; one 10.5 inches long
No 2 - two stems - one 7.5 " " " " " "
No 3 - one stem 9 inches long, No 4 - one stem 12 inches " "

Oxalis violacea L Bull Run Mt., Va.
in white oak grove
nest of old cabin
7651 head # 7642 germ. H.A. Allard
" abundant; full bloom.

7652 *Carallorhiza nictitans* Conrad ditto
(2) In same white oak grove with
7651. full bloom. scattered here.

7653 *Barbarea verna* (Mill.) Asch. ditto
" around old cabin with 7642.
Full bloom.

7654 *Prunus americana* Marsh. ditto
(2) In old field just east of
old cabin where # 7642 germ. and
near Broad Run - H. of Ferry - Broad Run
highway: full bloom; thickets.

7655 *Ranunculus abortivus* L ditto
(13) around old cabin with # 7642. ditto
to show various degrees of discoloration of sinus
of basal leaves; same colony.

7656 *Puccinia violae* Massanutten Mt., Va.
(1) (Schum.) DC Shenandoah Co.,
on *Viola pubescens*. Near Bayers farm
by Shenandoah where
cabins are built. at east end of Pugh's
Run. May 19, 1940
H.A. Allard.

7657 *Taphrina polystichii* Misp. ditto
" on *Polystichum acrostichoides*
near # 7656

7658

Massanutten Mt., Va.
Shenandoah Co.,
May 19, 1940
H.A. Allard.
East of Goodstree, at
end of Pugh's Run
along Shenandoah
at or shale barrens
and Bayers farm

7659 *Lepidium campestre* (L.) Bull Run Mt., Va.
(3) on railroad track Shenandoah Co.
at Beresley Mill. May 19, 1940
H.A. Allard &
Thoroughfare Gap; abundant; full bloom

7660 along railroad ditto
(3) near # 7659
abundant; full bloom.
= *Lithospermum arvense* L.

7661 *Ranunculus repens* L. near Linden
(2) In wet meadow Warren Co., Va.
on right of route 55 May 19, 1940
going to Iron/Royal. H.A. Allard
shony patches here, in full bloom

7662 *Ranunculus micranthus* Wnt. ditto
(6) In thin dry woods below steep
shale slopes: full bloom; in bound
grass etc.

7663 Very narrow green linear-leaved
Aralis laevis var *Burkii* Porter ditto
(2) on moist, steep shale barrens east
of Bayers house near # 7662.
petals scarcely longer than calyx.
Not abundant; perhaps only an ecological
form of *A. laevis*.

7664 *Aralis laevis* (Muhl.) Por. ditto
(3) In zone of deeper, moister soil
at foot of steep, moist shale slope,
Poke weed also abundant here.

Senecio antennariifolius Massanutten Mt., Va
on steep shale barrens, Shenandoah Co
slopes east of Boyer's home, May 19, 1940
7665 (1) No *Astragalus* or *Trifolium virginicum*
here.

7666 *Senecio obovatus* Muhl. ditto
(13) Near # 7665; on dried
39 in. slopes in thin open woods of
S. 7. 1940 pine, oak etc.; large patches in
5-23, 1940 full bloom.

7667 *Carex pennsylvanica* Lam. ditto
(2) with # 7665; in thin woods
on lower slopes, where woods begin
after steeper zone of barrens; abundant.

7668 *Pentstemon canescens* Britton ditto
(2) In thin tree zone at foot of
steepest shale slopes, but growing all
over the slopes - even the steepest and
most barren; full bloom.

7669 *Graminea* ditto
(1) on steepest shale slopes
above # 7667.

7670 *Veronica anensis* L. ditto
(1) In thin, dry, open woods at
foot of steep slopes, with # 7662
abundant.

7671 *Carex lasiocarpa* Lam. ditto
(1) (unsp. leaved)
In deciduous woods at top of
shale barrens proper east of Boyer's home;
abundant.

Barbarea verna (Mill.) Asche, Massanutten Mt., Va
on shale soils in wet ground Shenandoah Co
on wood road in woods May 19, 1940
7672 on way to Boyer's house, H.A. Allard,
(2) abundant; full bloom.

7673 *Barbarea vulgaris* R. Br. ditto
(2) Near # 7672 - in
(2) opening in woods;
full bloom.

7674 *Osmorhiza longistylis* - ditto
(1) var. *villacaulis* Ternald
In moist, shaded, rich soil in
woods on way to Boyer's home;
abundant here; full bloom.

7675 *Ranunculus abortivus* L. ditto
(3) In open, damp ground near
7673.

7676 *Pentstemon canescens* Britton ditto
(3) In opening in woods on rich
shale soils - il with # 7673
abundant here, and on dried shales.

7677 *Ranunculus recurvatus* Poir. ditto
(2) In rich woods on wood road
leading along Shenandoah River
to Boyer's house; abundant.
Wet on shale barrens proper.

7678 *Phacelia dubia* (L.) Small. ditto
(8) In thin open woods on banks by
road leading to Boyer's place; on shale
soils; abundant; full bloom; bluish
white corolla.

Canva (Chloro). on steep shale slope
heavily wooded, moist, rich near river
Massachusetts
Shenandoah Co., Va.
May 19, 1940
H.A. Allard
East of Woodstock, Dend
of Pughe Run
7679 (Chenandoah)
(6) on road road
to Boyer's home.

7680 Papaver rhoeas L
(3) in old field on Pughe Run
road off U.S. 11, north of Woodstock,
ad 3 miles east on this road,
scattered; full bloom.

7681 Carex platyphylla Carey.
" on shale soil on road road
to Boyer's near * 7679
woods etc.

7682 Viola triloba Schrein
" Near * 7681
abundant in rich, moist woods here.

7683 Carex lasiocarpa Denny
5 along walk near barn, Arlington
abundant here; has
persisted for years.
all from one clump.
Arlington Co., Va.
May 26, 1940
H.A. Allard

7684 Carex
(7) jamesii Schrein ditto
Two clumps near hybrid oak near
henyard fence, all from one clump.

7685 Brassicaceae
6 (7) ~~resaginata~~ ~~at~~ ~~herbarium~~ ditto
(bl. yellow: ne plant only)
Radicula palustris (L.) Moench
Near dark houses
at Arlington Farm,
Arlington Co., Va.
May 27, 1940
H.A. Allard

Plantago virginica L Bull Run Mt., Va
May 30, 1940
Fauquier Co.
near bare soil areas west slope below
High Point Ridge
H.A. Allard
" lacking P₂ O₃
Common in pastures here.

7687 Convolvulus spithameus L ditto
(2) very abundant on bare soil
areas lacking P₂ O₃; practically
none stand in places; full bloom; 6-10 in. tall.

7688 Panicum depauperatum Muhl.
" just outside bare soil areas in
surrounding thin woods edge ditto

7689 = Festuca obtusa Spreng
(3) mammal
In deciduous woods below
High Point Ridge; abundant
just coming into bloom. scattered clumps ditto

7690 Galium aparine L
" In low wet grass near old bridge and
road house in woods west slope below
High Point cliffs; very abundant.

7691 Geranium carolinianum L ditto
(4) abundant with * 7690; full bloom
var. confertiflorum Torr. &

7692 Bromus jeporicus Thurb.
3 with * 7690; abundant here, ditto

Viburnum dentatum L. Allard's garden,
Arlington, Va.,
Full bloom: an early
7693 blooming form here, May 31, 1940 e
much earlier than
H.A. Allard,
141

7694 *Sanicula peregina* Bicknell ditto
157 very abundant in waste ground in
back yard along ditch; fl. greenish yellow.

7695 *Osmorhiza longistylis* (Torr.) DC ditto
131 var. *brachystylis* Blake
fillicaulis Kernald
Large colonies in my garden showing June 3, 1940
all degrees of hairiness to the near
glabrous form # 7696

7696 Typical *Osmorhiza longistylis* (Torr.) DC ditto
121 This freely intermingled
with # 7695 a hairy form, with
intermediates, in same colony.

7697 *Poa trivialis* L.
111 mammal
wet soil at 1st gate
below Castello's. In
roadside ditch.

7698 Blake says *E. strigosus* Muhl. L.H.A. Allard,
2 *Erigeron strigosus* (Muhl.) B.S.P.
in old field near fire warden's home
on Triggssie near Antioch: abundant: full bloom
Prince William Co

7699 *Pentstemon wellidii* Small ditto
with # 7698: abundant in this
old field: full bloom: fl. pale
edge. Prince William Co
151

Senecio smallii Britton Bull Run Mt., Va
Tangier Co Prince
in old field near west slope south
of Hagerell Gap.
June 9, 1940
7700 # 7698 near: full bloom: abundant. H.A. Allard.
(6) Prince William county

7701 *Oenothera fruticosa* var. *Verd.* Hook ditto
31 with # 7698: full bloom: abundant.
Prince William Co

7702 *Panicum depauperatum* Muhl. ditto
11 with # 7698: abundant
Prince William Co

7703 *Zanthoxyla spicata* (L.) Beauv. ditto
11 with # 7698: abundant
Prince William Co

7704 *Panicum depauperatum* Muhl. ditto
11 with # 7698
Prince William Co

7705 *Carex grisea* Wahl. ditto
11 with # 7698
Prince William Co

7706 *Panicum depauperatum* Muhl. ditto
11 with # 7698
Prince William Co

Panicum defanfratum Bull Run Mt., Va
In same old field Tranquien Co.
7707 with # 7698 June 9, 1940
H.A. Allard.

7708 *Dactyloctenium aegyptium* L
(2) By roadside at Castello's
where my park at Hopewell Gap
abundant. ditto

7709 *Zanthoxylum armatum* (L.) Beauv.
with 7698 ditto
Prince William Co.

7710 *Houstonia missouriensis* L
with # 7698: abundant in
old fields more especially. ditto
Prince William Co.

7711 Cyperaceae. *Eleocharis tenuis* (Willd.) Schultze
In damp spot near # 7698 ditto
Prince William Co.

7712 Gramineae
(2) In old field with # 7698 ditto
= *Sphenopholis obtusata* (Michx.) Scribn. e

7713 *Comandra umbellata* (L.) Nutt
on rocky ridge just south of
Hopewell Gap and Castello's quarry. ditto

Carex glaucoidea Tuckerm. Bull Run Mt., Va
In old pasture near Tranquien Co.
route # 55 on road to west slope of
7714 Antioch. High Point cliffs
(9) abundant; all June 9, 1940
from same clump. H.A. Allard
On Triassic area.
Prince William Co.

7715 *Carex glaucoidea* Tuckerm.
(4) with # 7714 (same field
(all of one clump.)) ditto

7716 *Carex pusillifolia* Mack.
(4) Near # 7714 (all of one clump.) ditto
Prince William Co.

7717 *Carex willdenowii* Schk.
(3) with # 7714 ditto
Prince William Co.
(all of one clump.)

7718 *Carex willdenowii* Schk.
(5) with # 7714 ditto
Prince William Co.

7719 *Carex glaucoidea* Tuckerm.
(5) with # 7714 ditto
Prince William Co.
(all of one clump.)

7720 *Carex hirsutella* Mack.
with # 7714 ditto
Prince William Co.

Carex hirsutella Mack
with 7714

7721
(41)

Bull Run Mt., Va
June 9, 1940
Prince William Co.
H.A. Allard.

7722 *Oxalis stricta* L.

(21) In same pasture with # 7714 ditto
abundant; full bloom.

7723 *Graminae* = *Poa trivialis*

(11) In wet overblow from Castello's quarry spring at Hagerell Gap, Tangier Co. ditto

7724 *Poa pratensis* L.

(11) on banks near # 7723 ditto
abundant.

7725 *Lepidium virginicum* L.

(11) abundant in rocky roadway to Castello's spring quarry: full bloom. ditto

7726 *Carex lasioflora* Lam.

(11) on High Point cliffs ditto

7727 *Anagraceae*

(11) On rocky ridge north of High Point: just in flower
= *Helianthemum canadense* L. / Michx. ditto

Asplenium ~~montanum~~ hirsutifidum Willd. Bull Run Mt. Va
In crevice on cliffs Tangier Co.

7728 near High Point cliffs. June 9, 1940
my first specimen H.A. Allard
(11) in Bull Run area: rare here.

7729 *Grape vine leaf* (wild)

(11) with pinkish very hairy galls. ditto
In woods below High Point cliffs
nest slope. *Vitis agrestis* Michx.
a gall may be an *Aspidiotid*. *Cecidomyia* sp. grape leaf gall.
see E.P. Field. Key Wm. Sweet Galls. State Mus. Bull. no 200: 1917.

7730 *Panicum huachucae* Ashe State Mus. Bull. no 200: 1917.

(11) In woods nest slope below High Point cliffs. ditto
var. *fasciculatum* (Torrey) H. & C.

7731 *Graminae* = *Festuca obtusa* Spreng. ditto
(11) near # 7730.

7732 *Panicum depauperatum* Muhl. ditto
(11) with # 7730.

7733 *Carex cephalophora* Muhl. ditto
(11) near # 7730.

7734 *Sisyrinchium angustifolium* Mill. ditto
(11) In thin woods at foot of slope below High Point cliffs, nest slope.

Carex hirsutella Mayk.
In woods west
slope below High
Point cliffs.

Bull Run Mt., Va
Fauquier Co
June 9, 1940
H.A. Allard.

7736 *Panicum defanperatum* Muhl.

(1) Near # 7735

ditto

e

7737 *Botrychium virginianum* (L.) Sw. ditto
(1) near # 7735 in rich woods; very
abundant: fruiting.

7738 *Panicum defanperatum* Muhl.
(1) In old brown sedge field near
bare areas where plots were laid out
west slope below High Point Cliffs. ditto

ditto

e

7739 *Senecio smallii* Britton
(1) In open pine woods and
new growth in old fields above.
P₂O₅ plots on west slope below High Point
ridge

ditto

e

7740 Graminae = *Festuca altissima* (Nutt.)
(2) In woods below High Point Cliffs
west slope.

ditto

e

7741 Graminae = *Poa compressa* L.
(1) In Castella's old pasture along
old road leading toward where
Piley's lived; occasional.

Danthonia spicata (L.) Beauv. Bull Run Mt., Va
Fauquier Co
In high brown sedge field, where
7742 field, where west slope, south
(2) intermingled with of Hagerell Gap
Andropogon scoparius. H.A. Allard. e

7743 Graminae

(3) where we park at Castella's,
growing along roadsides and in
old fields here; very abundant.
= *Festuca elatior* L.

ditto

e

7744 *Houstonia purpurea* L.

(1) a constituent of high brown sedge
field beyond Castella's, Hagerell Gap,
where found in the interspaces.
Does better in old abandoned fields. e

ditto

7745 Graminae = *Poa compressa* L.

(1) with # 7744, where an occasional
constituent. ditto

e

7746 *Crataegus crus galli* L.

(1) In high brown sedge field
beyond Castella's with # 7744. e

ditto

e

7747 Graminae *Danthonia spicata* (L.) Beauv.

(2) In high brown sedge
field beyond Castella's, where
an occasional constituent with
7744

ditto

e

7748 *Senecio smallii* Britton

(2) Occasional in some brown sedge
field with # 7744, in more open
interspaces. Prefers more open pastures. ditto

e

Zanthoxyla spicata (L.) DC. Bull Run Mt., Va
In high woods on steep slope
7749 field beyond Castell's June 9, 1940
(1) where found in
interspaces along
openings, roadways etc; a regular
constituent.

7750 *Panicum linearifolium* Scribn. ditto
(1) with # 7749, in interspaces
etc.

7751 *Carex hirsutella* Michx. ditto
(1) with # 7749; a common
constituent here in Castell's
high woods edge field.

7752 *Oxalis stricta* L. ditto
(1) with # 7751; a constituent
in the interspaces here.

7753 *Panicum defanpratense* Michx. ditto
(1) In same field with # 7751;
a scattered constituent.

7754 *Muhlenbergia latifolia* L. ditto
(4) on High Point cliffs: full bloom

7755 *Asclepias variegata* L. ditto
(3) white blossoms.
On Triassic area on road to
Antioch, from and near # 55.
In old field. One clump uncommon.

Cerastium
waste ground at dark houses
7756
(1)
Arlington, Va
June 11, 1940
H. A. Allard

7757 *Carex tribuloides* Michx. Massanutten Mt., Va
(8) In red soil high
of mountain on road
from point where we parked
at end of Pugh's Run near
Mr. Burner's all of one dump
and shale barrens.
On shale slope in woods (on road road)

7758 *Commelina erecta* ditto
On "shale barrens" prairie with
Clitoria mariana etc; abundant
here (not in bloom). True barrens
plant.

7759 *Morus rubra* L. ditto
(3) on shale slope in pasture
near Mr. Burner's on road
had his barns; fruit ripe: more
sour than mine (M. alba)

7760 *Verbascum phloxoides* L. ditto
(2) On Pugh's Run near U.S. 11, on
limestones; full bloom; abundant;
more showy than *Thapsus*; a deeper yellow

7761 *Stylosanthes riparia* Kearney ditto
(1) on shales in barren thin pine etc
pasture up road from car; abundant
full bloom.

7762 *Lespedeza violacea* (L.) Pers. ditto
(2) with # 7761; abundant in
dry pasture (shale) here.

Hieracium venosum L. Massanutten Mt., Va.
High up on wooded shale slope Shenandoah Co.
in wood road; abundant, 6-16-40
H.A. Allard
7763 on shale at end of Pugh's
Run road north of Woodstock,
Va. on road leading up slope
from car,

7764 *Rosa humilis* Marsh ditto
" Near # 7763; abundant; full bloom
on shale slope, wooded or otherwise,

7765 *Erigeron annuus* (L.) Pers. ditto
" wood road near # 7763;
and old fields; abundant weed.

7766 *Erigeron ramosus* (Walt.) B.S.P. ditto
" Near # 7765; abundant in old
fields etc.

7767 *Rumex elongatus* Guss. ditto
" with # 7765

7768 *Sanicula trifoliata* Bicknell ditto
" Near # 7767; abundant.

7769 *Juncus* ditto
" Near # 7767.

Deschampsia flexuosa (L.) Trin. Massanutten Mt., Va.
In dry soil above shale barrens. Shenandoah Co.
6-16-40
H.A. Allard
7770 on shale slopes at end of
Pugh's Run north of
Woodstock, Va.
" in open woods etc.

7771 *Danthonia compressa* Auct. ditto
" on shale along wood road
in pasture; abundant.

7772 *Carex* in net shot ditto
" below old house high up
mountain - bee copper head
snake was found drowned
(one plant only)

7773 *Carex stricta* Desf. ditto
" *Carex cephalotheca* Muhl.
(6) from one clump
in net shot in woods with
7757

7774 *Panicum* ditto
" Near # 772 in wood road

7775 *Antennaria dioica* Greene ditto
" on steep shale barrens prefer-
abundant here

7776 *Houstonia longifolia* Gaertn. ditto
" on shale barrens prefer etc.;
abundant.

Trifolium procumbens L. Massanutten Mt., Va.
Shenandoah Co.
6-16-40
H.A. Allard
very abundant in
old pastures
etc. In old pasture on shale
at end of Pughs Run road
north of Modetock.

77778 *Potentilla recta* L.
(2) In same pasture with #77777 ditto
very abundant here; full bloom;
not in woods; rare after.

77779 *Vaccinium vacillans* Kaln.
H. ditto
on shale barrens proper; plants
with beautiful matings of mosses or
premiering.

77780 *Celtis occidentalis* L.
(1) on barrens proper; in fruit. ditto
scattered here

77781 *Opuntia vulgaris* L.
3 with #77778 ditto e
very abundant: just coming into bloom
coiled then, then dried then, but the
older joints dried very slowly.

77782 *Nymphaea adscendens* Bull Run Mt., Va.
Leaves bloating and erect. 6-15-40
Fauquier Co.
In Broad Run above
mouth of Thoroughfare Gap
several colonies: full bloom.

77783 *Morus alba* L.
(1) Juvenile, peculiarly - H.A. Allard's garden
lobed leaves of 3000-7th St., N., Arlington,
Va., Arlington Co.
True wild downy tree
spring 5 in. in dia. June 21, 1940
and these on new shoots
Never this type on old shoots. H.A. Allard.

Morus alba L.
normal leaves of
large older trees.
77784 Compare with
(3) #7783
H.A. Allard's garden,
3000-7th St., North,
Arlington, Va., Arlington
Co., June 21, 1940
H.A. Allard. e

77785 *Geranium carolinianum* L. Arlington Farm,
Virginia
In Dr. Clayton's old
tobacco seed beds
var. *confertiflorum* Fern. e
June 26, 1940
H.A. Allard.

77786 *Stellaria graminea* L.
(4) on lawn around above
tobacco beds; full bloom. ditto e

77787 *Valerisoga* *iliata* (Raf.) Blake
(3) *var. insipida* ditto e
Between tracks at dark houses
(abundant; full bloom).

77788 *Santhonia spicata* L. Bull Run Mt., Va.
(2) In cliff in diff. at Fauquier Co.
High Point cliffs. June 30, 1940
H.A. Allard. e

77789 *Panicum clandestinum* L.
(4) In woods along cartroad
S.W. of Riley's old cabin, on
ascent to High Point trail. ditto e

77790 *Panicum targetorum* Nash. ditto
(1) On High Point cliffs in
dry soil. e

Juncus major S.F. Gray. Bull Run Mt., Va
On High Point Cliffs, Fauquier Co
7791 June 30, 1940
(1) H.A. Allard.

7792 *Panicum boscii* Poir ditto
(2) In woods west slope below
High Point Cliffs.

7793 *Graminae* - *Festuca obtusa* Spreng ditto
(1) In woods near brook
below High Point (west slope)

7794 *Agrostis* *Poa polystris* L. ditto
(2) In shade of thin locust woods
around old farm at foot of High Point
Cliffs where old mansion stands.

7795 *Galium circaeans* Michx. ditto
(2) In rich woods below High Point
cliffs, west slope; abundant; leaves
in 4's.
var. *hypomalacum* Thunb.

7796 *Panicum lindheimeri* Scribn ditto
(1) On bank beside road on
Broad Run - Hagerell highway.

7797 *Panicum* *Festuca obtusa* Spreng ditto
(1) In old pasture near plots
laid out on chemical barrens,
south of Hagerell Gap and east of
Hagerell - Broad Run highway.

~~7798~~ *Stenonema aliatum* (L.) Raf. Bull Run Mt., Va
In low moist ground in locust grove near
7798 farm, near 7794 June 30, 1940
(5) abundant; long rhizomes H.A. Allard.

now produced 6-8 inches long.
Plant #1 - 3 rhizomes - 5 1/2 in 8 in 7 3/4 in
" #2 - 3 " 4 1/2 in 5 1/2 " 5 1/2 " 6 in
" #3 - 1 " 4 1/2 in branched 2 1/2 in
" #4 - 2 " 6 and 6 1/2 in 1 1/2 in

7799 *Danthonia spicata* (L.) Beauv.
" 5 2 rhizomes - 3 and 3 1/2 in long
= *Typimachia aliata* L.

In pasture near Riley's cabin. ditto

7800 *Scutellaria ovalifolia* Pers. Epl. ditto
(1) In thicket near Castello's
quarry spring. Also in woods
of west slope below High Point Cliffs.

7801 *Phleum pratense* L ditto
(3) In old pasture near cabin
where Riley's lived and
woman died.

7802 *Rumex crispus* L. ditto
(2) At Castello's quarry spring.
in waste ground, abundant.

7803 *Euphorbia corollata* L. ditto
(7) Very early and small blushed
on barren soil areas where plots
were laid out; covers these areas.
Is this a normal form?

7804 *Rosa setigera* Michx. ditto
(3) Beside road from Hagerell to Broad Run
Station in thicket; an escape or survival
from some long since gone garden; very
thorny; in full bloom; resembles American
Pillar; my only record in Bull Run area.

Hydrangea arborescens L. Bull Run Mt., Va
Fauquier Co
June 30, 1940
H.A. Allard
In rocky woods
below High Point
cliffs; abundant,
(2) ridge full bloom,
(10m slope S.W. from
Riley's cabin, by old road marked
by P.A. T. & C. line. e

7806 *Tephrosia virginiana* (L.) Pers. ✓ ditto
(2) on rock shelf at top of High Point
cliffs; passing bloom.
Not common in Bull Run area. e

7807 ~~*Aspidium*~~ *spiculosum* (Müll.) Walt. ditto
(2) In deep niches on High Point
cliffs. e

7808 *Athyrium asplenoides* (Michx.) Deer. ditto
(1) Lady fern.
In rocky moist woods just below
High Point cliffs, west slope. e

7809 *Sorbus canadensis* (L.) Kuntze. ditto
(2) ~~*Amelanchier*~~ In moist shaded woods
near brook below High Point cliffs,
west slope; not abundant. e

7810 *Geum virginianum* L. ditto
(1) ~~*canadense*~~ In locust woods around
old house, half stone, half wood
west slope below High Point cliffs.
abundant; just in flower, fl. white. e

7811 *Rosa rugosa* L. ditto
(1) ~~*carolina*~~ In old woods edge pasture
near barren area where photo
was planted to compare with; common. e

Rumex obtusifolius L. Bull Run Mt., Va
Fauquier Co
June 30, 1940
H.A. Allard
Roadside banks
near barren plots: 7812 abundant.
(2) west slope below
High Point cliffs etc. e

7813 *Sanicula canadensis* L. ditto
(2) In locust woods near 7810;
abundant. e

7814 *Lonicera japonica* Thunb. ditto
(3) In woods edge pasture near
barren areas; leaves rather
smooth or glabrous; more than
with some forms. e

7815 *Apocynum cannabinum* L. ditto
(2) In high woods edge pasture
(Castella's) where quadrat was made.
abundant; full bloom. e

7816 *Rudbeckia hirta* L. ✓ ditto
(1) In Castella's old field just
west of spring and quarry; abundant,
full bloom; scattered in high
woods edge field. e

7817 *Ulmus americana* (L.) L. ditto
(2) Leaves covered with coars comb
like dull red aphid galls, very leafy
trees thus affected, and therefore very
striking (Hall = *Colopha ulmicola* Trich.) e

7818 *Scutellaria ovalifolia* Pers. ditto
(1) ~~*sp. mollis*~~ In edge of thicket near
Castella's quarry and spring; full bloom. e

Oxalis europaea f. *aymonea* (Griff.) Bull Run Mt., Va
In old field June 30, 1940.
7819 near cabin near Hopewell Gap
(2) Riley woman Tangier Co., e
died in. west slope, near
and below High Point cliffs.

7820 *Geranium carolinianum* L. ditto
" At Riley's old cabin near
high brownedge field south of
Hopewell Gap. e
var. *confertiflorum* Torr.

7821 *Asclepias syriaca* L. ditto
(2) From a large ramp colony
in waste ground around Riley's cabin.
Full bloom. e

7822 *Hardenia jubatum* L. ditto
(4) at Lynn Mass., on beach
somewhat inland; very abundant.
soft, mobile, delicate masses of silvery
greenish color; near Howard Johnson Inn.

7823 *Lobelia* ditto
(2) (pinkish fl.)
at Matapeake Ferry, Kent Island, Md.
In waste ground here. Long stolons der-
on plants 1, two, one being 14 1/2 in; one 9 in long
" " #2 " , one " 18 " ; " 2 " "

7824 *Saponaria officinalis* L. Bull Run Mt., Va
(2) around Costello's quarry Tangier Co.
spring, near Hopewell Gap; July 14, 1940. e
Full bloom. H.A. Allard.

7825 *Hypericum punctatum* Lam. ditto
(3) full bloom; in high brownedge
field in interspaces; scattered
south of Hopewell Gap. e

Linum medium (Planch.) Britt. Bull Run Mt., Va
Tangier Co.,
In interspaces in Costello's July 14, 1940.
7826 High brownedge field. H.A. Allard
scattered; full bloom. fl. yellow. e
" *Linum medium* (Planch.) Treb.
var. *tepanum* (Planch.) Horn. L

7827 *Cirsium pumilum* (Walt.) Steud. ditto
(2) In old brownedge pasture
near barren areas south of Hopewell Gap.
Abundant; full bloom here.
None in high brownedge field. e

7828 *Rudbeckia hirta* L. ditto
(3) In high brownedge field in
interspaces; scattered; full bloom. e

7829 *Hypericum* ~~*decoloratum*~~ *poliflorum* L. ditto
" In old field in valley east of
High Point ridge; full bloom; on
valley road. Occasional in
Bull Run area. e
since William Co.

7830 *Carex lasiocarpa* Lam. ditto
" Growing in fork of an old
tree in accumulated vegetable detritus
west slope below High Point cliffs in
woods.

7831 *Clethra mariana* L. ditto
(2) In thicket along trail at top of High Point
cliffs; full bloom; all along trail at
High Point. Flowers large bluish lilac,
very beautiful. e

7832 *Corylus americana* Walt. ditto
(4) At Costello's quarry spring
in damp soil near brook here; abundant
here and very beautiful.

Pycnanthemum flexuosum (Walt.) J. SP Bull Run Mt., Va
 In old field (in corn 2 years ago) just east of ^{Franklin Co} ^{July 14, 1940}
 7833 *Castilleja* sp. near slope. H.A. Allard.
 (5) it where great quantities of half high
 blackberries, - to west of valley road near
 Hotwell Gap. Abundant: full flower. e

7834 *Apoynum cannabinum* (L.) DC. ditto.
 (2) In old field near stone wall spring
 at old cabins in valley east of High Point. Co
 This far up the valley road. e
 abundant: full bloom.

7835 *Nepeta cataracta* L. ✓
 (1) Around old cabins abandoned since
 where 7834 green: full bloom: William
 abundant ditto e

7836 *Cruciferae: Brassica hederifolia* (DC.) Wheeler
 (1) with # 7835 var. *hinnatifida* (Stokes) Wheeler.
 = *Sinapis arvensis* L. of Brit. & Prov.
Brassica arvensis L. (Ratn. of Gray). e

7837 *Antennaria cotula* L. ✓
 (3) In same waste pond with
 # 7835: full bloom. ditto ditto e

7838 *Corephirsutella* Michx.
 (2) In old spring field at wall-d-in spring ditto
 with # 7834. ditto. e

7839 *Lechea leggettii* var. *moniliformis* (Picken.) Hodgdon
 (1) In dry, abandoned field going ditto ditto
 with # 7834; abundant. e

Hypericum punctatum Lam, Bull Run Mt., Va
 In old field near ^{Franklin Co.}
 7840 walled-in spring July 14, 1940
 (2) beside # 7834, H.A. Allard
 Prince William Co. e

7841 *Linum medium* (Pursh.) Britton ditto
 (5) In dry field with ditto.
 # 7834, *L. medium* (Pursh.) Fern. &
 var *Tepanum* (Pursh.) Fern. e

7842 *Lechea racemulosa* Lam. ditto ditto
 (3) In old field with
 # 7834: abundant. e

7843 *Scirpus atrovirens* Michx.
 (2) In cold brook - overflows ditto ditto
 from walled-in spring where
 # 7834 green: a large clump here. e

7844 *Sericocarpus asteroides* L. J. SP. ✓ ditto ditto
 (2) at first flagstone quarry
 on valley road near big red oak tree
 abundant: full flower. e

7845 *Juncus macrocarpus* S.F. Gray. ditto ditto
 (4) with # 7844 - at quarry. e

7846 *Lechea racemulosa* Lam. ditto ditto
 (2) at same quarry with # 7844. e

Panicum ~~birdianum~~ *birdianum* Nees Bull Run Mt., Va
In dry old field in Prince William Co
7847 valley below High Point July 14, 1940
(east) at walled-in H.A. Allard.
(2) spring and cabin. e

7848 *Lactuca canadensis*
(1) fl. yellow; all sections of one plant ditto.
In old field where old chimney stood
near first flagstone quarry in valley
east of High Point ridge,
abundant: full bloom. e

7849 *Lactuca canadensis*
(1) ditto
Near # 7848 e

7850 *Rudbeckia hirta* L.
(2) In same old field near # 7848 ditto
very abundant: full bloom. e

7851 *Cirsium humilimum* (Nutt.) Spreng. ditto
(1) In first old field where old
chimney stood just N. of railroad
at Bererley Mill, on valley road;
abundant: full bloom. e

7852 *Sporoxea hederacea* Jacq. ditto
(1) On banks in woods on valley
road north of Bererley Mill, east of
High Point. 2

7853 *Sporoxea pandurata* (L.) G. F. W. Mey. ditto
(2) In barren plots; roots very
superficial: some very large - one of specimens
9 in. long; 6 in. wide. Full bloom: buds
at surface of ground; very abundant here. 2

allium parvum ~~var. bullardii~~ Bullard's garden
(common leek) Arlington Co., Va
7854 Full bloom. H.A. Allard
(3) (a single long-pointed spathe)
stamens exerted as in *A. ampeloprasum*
from York, Va. with purple flowers. e

7855 *Carya cordiformis* (Wang.) Bull Run Mt., Va
(1) at foot of cliffs at J.K. Korb's July 21, 1940
High Point; large trees, Prince William Co.
(buds yellow) H.A. Allard. e

7856 *Asplenium pinnatifidum* Nutt. ditto
(1) at High Point cliffs on ledges, e
Found by Mr. Yagner. This the same
specimen found here: one by me = # 7728

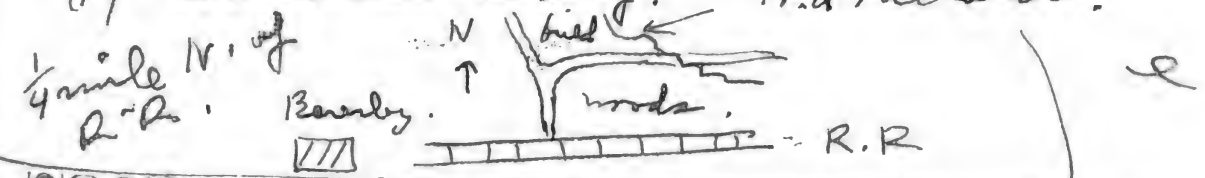
7857 *Arctium minus*. Bernh. ditto
(2) at Riley's old cabin
beyond Castello's; full bloom,
abundant. e

7858 *Galium pilosum* Ait. ditto
(1) On bank under tree
in old field; abundant. Prince William Co. e

7859 *Orchidaceae* ditto
(1) on road side bank in
damp woods well up toward
Hofersell Gap on Valley road;
not in bloom. *Habenaria clarellata* (Michx.) Shreve. e

7860 *Helianthus scaberrimus* trifolium ditto
(1) Near walled-in spring in
old field far up valley road. e

Galein triflorum Michx Bull Run Mt., Va
 In damp woods along
 brook on valley road
 7861 where 1st right turn
 leads into swamp. H.A. Allard.
 July 21, 1940
 H.A. Allard.



7862 *Sanicula canadensis* L ditto
 (2) In same swamp - a brook flood
 plain where big beech trees with # 7861.
 abundant. e

7863 *Scum canadense* Jacq. ditto
 (1) In same swamp woods with # 7861
 a long basal rymer under leaves
 leaflets with nodes, and very
 capillary head des. 2 2 1/2 inches. e

7864 *Lappula virginiana* (L.) Greene. ditto
 (1) *Baragrinaceae*
 In same swampy woods with # 7861 e

7865 *Lappula* ditto
 (1) In same swampy woods with # 7861 e

7866 *Scum canadense* Jacq. ditto
 (1) with # 7861 e

7867 *Festuca obtusa* Spreng. ditto
 (1) *Gramineae*
 with # 7861 e

Galeiss circuegens Bull Run Mt., Va
 In same damp woods
 7868 with # 7861 Prince William Co
 July 21, 1940
 H.A. Allard.

(1) var. *hypomabaum* Fern e

7869 *Boehmeria cylindrica* (L.) Sm. ditto
 (1) In same woods with
 # 7861. e

7870 *agrostis alba* L ditto
 (1) *Gramineae*
 (whitish panicum)
 In damp soil on road side bank
 1/4 mile N. of Bessley Mill on right
 branch off valley road N. e

7871 *umbelliferae*. ditto
 (1) In same locality near # 7861
 = *Thaspium barbinode* (Michx.) Nath. e

7872 *umbelliferae* ditto
 (2) with # 7861
 = *cryptotaenia canadensis* (L.) DC. e

7873 *Panicum polyanthes* Schult. ditto
 (2) In damp soil by roadside
 a few hundred yards N. of R.R. on
 valley road near Bessley. e

7874 = *Thalictrum perelegans* Greene. ditto
 (1) *Thalictrum* =
 with # 7873. e

OphioGLOSSUM vulgatum L Bull Run Mt., Va
In low woods a few hundred feet north of railroad
July 21, 1940
7875 on valley road H.A. Allard
below Beverly Mill.
found by Mr. Wagner.

7876 *Panicum polyanthes* Schult. ditto
on roadside bank in woods near # 7875

7877 *Malaxis uniflora* Michx. orchidaceae. ditto
In same woods near Rail Road with # 7875

7878 *Microstylis unifolia* (Michx.) B. SP. ditto
In moist woods at left of valley road below Beverly Mill, just north of railroad about 500 ft. my first heard

7879 *Helianthus divaricatus* L Massanutten Mt., Va South end of Short Mt., near Mt Jackson, Shenandoah Co August 3, 1940 H.A. Allard
abundant, full bloom on dry shales proper half way to rock slides from cliffs

7880 *Euphorbia corollata* L ditto
On dry shales; scattered, not abundant on shales of Short Mt.

7881 *Eragrostis capillaris* (L.) Nees ditto
On barren shales in open half way of barren proper. Not common. my only specimen here.

Paronychia fastigiata var. *pallescens* Fern. Massanutten Range, Va Short Mt., (south end) near Mt. Jackson. (see Rhodora, 38: 421, 1936, August 3, 1940)
7882 Here stipular bracts H.A. Allard.
longer than calyx so am calling it this. Abundant on true shale barren proper were little litter well of direct slope; full bloom.

7883 *Houstonia longifolia* Gaertn ditto
scattered on shale barren proper well of slope; note capsule as broad as high or higher than broad.

7884 *Panicum ashei* Pearson: ditto
at foot of high cutting cliffs in shades of woods, true barren. named by Mrs. Chase.

7885 *Carex muhlbergii* ~~var. *enervis*~~ Schkuhr. Boott. ditto
at foot of cliffs in dry soil in shade of woods well under overhang. shattering

7886 *Bidens bipinnata* L ditto
at foot of cliffs beneath overhang near # 7885

7887 *Paronychia canadensis* L. Wood ditto
Beneath overhang at foot of cliffs in dry soil in shade of woods near # 7885
Shadows.

7888 Beneath overhang of cliffs near # 7885 ditto
= *Agrostis perennans* (Vahl.) Tuckerm.
named by Agnes Chase.

Crataegus
on dry exposed barrens
7889 high up where
allium *cernuum*
is so abundant.
South end of Short Mt., Va
near Mt. Jackson,
Massanutten Range
Shenandoah Co
August 3, 1940
H.A. Allard.

7890A. *Santhonia spicata* (L.) Beams.
abundant over shale barrens. *ditto*
named by Agnes Chase.

7890 *Woodia obtusa* (L.) Spreng *ditto*
" On dry exposed broken shale outcrops
high up near ledges, where *allium* so
abundant.

7891 *Cheilanthes lanosa* (Michx.) Watt *ditto*
" On barren shales and in fractured
outcrops of shale cliffs below cliffs:
abundant here.

7892 *Asplenium platyneuron* (L.) Oakes *ditto*
" On moist barrens at fragmented
shale cliffs below upper cliffs: scattered.

7893 *Crataegus*
" On dry barren shales well up slope. *ditto*

7894 *Asplenium montanum* Willd *ditto*
(2) In crevices of highest cliffs above
shale slopes; in places abundant here.

7895 *Corydalis sempervirens* (L.) Pers *ditto*
(2) At top of cliffs in damp pockets
of soil etc.: full bloom and ripening seed.

Bidens bipinnata L
on top of cliffs
7896 in pure black
organic soil
(3, 2 in. deep only, on flat rocks hollowed,
H. = 6.5.
South end Short Mt., Va
Massanutten Range,
Shenandoah Co
Aug. 3, 1940, H.A. Allard.
near Mt. Jackson

7897 *Carex mullerbergii* var. *enervis* Boott *ditto*
" at foot of cliffs beneath overhang.

7898 *Crataegus*
" On true shales well up slope *ditto*

7899 *Lepidium virginicum* L.
" On dry shales proper above *Selaginella*
repens grows. Past. *ditto*

7900 *Paronychia fastigiata* var. *paleacea* Torr *ditto*
" On shales nearly bare
near foot of barrens proper;
abundant here, and in bare
spots in pasture below.

7901 *Houstonia longifolia* Gaertn *ditto*
" On lower slopes of pasture
cult. pasture near red rock outcrops
on way to foot of Short Mt.
(Capsule as high as broad or higher)

7902 *Bidens bipinnata* L *ditto*
" On shale barrens proper well
up slope: scattered in mostly
bare spots over Short Mt. barrens.

Paronychia fastigiata
 (united subtending var. paleacea)
 South end of Short Mt., Va
 Massanutten Range,
 Near Mt. Jackson
 Aug. 3, 1940
 H.A. Allard
 7903 (1) on shale well of barrens proper.

7904 Polygonum demetorum L. (2) ditto
 (1) on barren shale half way up
 slope; very dwarfed - 1 foot or less tall;
 seeds black, shining.

7905 Houstonia longifolia L. ditto
 (1) (cane as high as brood)
 on shale barrens proper well up slope,
 abundant or well distributed over shale
 and in woods above.

7906 Rhus aromatica Marsh. = (R. canadensis Mill.) ditto
 (1) In patches on shale barrens proper
 well up shale in dry, hairy.

7907 Polygonum tenue Michx. ditto
 (1) on shale barrens proper well up
 slope - in bare spots; frequent

7908 Taenidia integerrima (L.) Drude ditto
 (1) on shale barrens proper well up
 slope; scattered; past flower; in woods
 among rocks above shale barrens.

7909 Eragrostis ~~capillaris Michx.~~ ^{hirsuta (Michx.) Nees.} ditto
 (1) on barren black shale by roadside
 in cut where we parked car at foot of
 slope. (Named by Agnes Chase)

~~Eragrostis hirsuta (Michx.) Nees.~~ ^{capillaris Michx.} South end of Short Mt., Va
 Massanutten Range
 Beside # 7909 Shenandoah Co
 August 3, 1940
 7910 Eragrostis alianensis (Allard) H.A. Allard
 (1) (Have not yet found it)
 on mountain shale barrens proper
 (Named by Agnes Chase)

7911 Solidago ulmifolia Muhl. ditto
 (2) On shale barrens proper well up
 slope and just in flower; frequent
 here and in woods above.

7912 Vernonia glauca (L.) Willd. ditto
 (1) In pasture growing up below
 barrens and near Red full colonies
 on way to barrens proper; not common
 here.

7913 Lactuca scariola L. ditto
 (1) Roadside near where we parked car
 on dry shale at foot of mountain.

7914 Lactuca oligia L. ditto
 (1) Near # 7913 by roadside on
 dry barren shale;

7915 Pyranthemum incanum (L.) Michx. ditto
 (1) In thickets near foot of barrens
 proper - a mostly pasture with
 red bud etc. also on shale.
 (full bloom)

7916 Geum virginianum L. ditto
 (2) In thickets in pasture growing up
 just below barrens, but in barrens
 proper, a very extensive colony here
 near red bud colony.

Sem. virginianum L. South end of Short Mt., Va.
on shale barren slopes near woods in Massanutten Range
Shenandoah Co. HA. Allard, Aug. 3, 1940.

7917 *barrens profer*.

(1)

7918 *Quercus borealis* Michx. var. *mopima* (Marsh) Ashe
(2) On shale barren slopes all over -
abundant; much stunted, gnarled
but fruits were small. ditto

7919 *Ostrya virginiana* (L.) K. Koch
(15) On shale barren slopes where frequent,
bushy and very fruitful. ditto

7920 *Carya glabra* (Mill.) Spach.
(13) On shale barren slopes throughout
where frequent, stunted but fruitful,
bearing when of small size. ditto

7921 *Bidens bipinnata* L.
(12) On dried open areas of shale barren
slopes; frequent here; also in thin
organic soil on rocks at top of ledges. ditto

7922 *Trofinus americana* L.
(16) On shale barren slopes where
abundant, stunted, but fruitful. ditto

7923 *Carya glabra* (Mill.) Spach
(12) On shale barren slopes; frequent,
fruitful but gnarled. ditto

Pentstemon pallidus Small
on shale barren slopes where frequent
but past flower. South end Short Mt.

7924

(1)

Massanutten Range, Va.
Shenandoah Co.
Aug. 3, 1940
HA. Allard.

7925 *Scrophularia leucophaea* Bicknell ditto
(1) On shale barren slopes well up
slopes; also on top of cliffs where
just past flower, several days later than on
shales; frequent

7926 *Carya glabra* (Mill.) Spach
(1) On shale barren slopes well up
at Allin's colonies at
shale ledges. ditto

7927 *Quercus borealis* var. *mopima* (Marsh) Ashe
(3) On top of cliffs at highest
point of ridge; good sized tree
here. ditto

7928 *Bidens bipinnata* L.
(2) In true black organic soil
from detritus on flat rocks at
top of cliffs. ditto

7929 *Pinus virginiana* L.
(12) On eroded shales in pasture
just below barren where red bud,
Astragalus grow. ditto

7930 *Viburnum prunifolium* L.
(2) On shale barren slopes - where
scattered - well up slope, in green fruit. ditto

Celtis occidentalis L. South end Short Mt, Va
on shale barrens proper Massanutten Range
well up slope; frequent Shenandoah Co
7931 here; a bushy form August 3, 1940
very fruitful. H.A. Allard.

7932 *Henckia americana* L.
(1) on shale barrens proper well up
of slope; frequent; past flower ditto

7933 *Carya glabra* (Mill.) Spach
(4) In pasture where pines, red bud
etc just before red bud area reached
below barrens proper. ditto

7934 *Carya glabra* (Mill.) Spach
(5) on shale barrens proper well up
slope; frequent; fruitful though
small, ditto

7935 *Allium cernuum* Roth
(6) Very abundant, full bloom all over
more open barrens well up to wooded
zone; Most abundant plant, and very
vigorous in the barrens, especially at
and above the first shale outcrops. ditto

7936 In pine woods (thin) Three Top Mt.,
(1) on shales of old pasture at foot of Pugh's Run
near where we park. Massanutten Mt.,
at foot of road Shenandoah Co
Paronychia fastigiata var. August 14, 1940
abundant. H.A. Allard.

7937 *Plantago aristata* Michx.
(2) Near # 7936; abundant mostly past. ditto

Agrimonia rotundata Thunb. Three Top Mt., Va
valley. Massanutten Range
In opening in Shenandoah Co
7938 pasture woods August 14, 1940
on shales, of low H.A. Allard.
(2) inclination beyond the rocks.
(bl. yellow)

7939 *Lofelia inflata* L.
(1) In same open woods in shade ditto
(5) in ravine with # 7938 ditto
abundant here; not on shale
barrens proper.

7940 *Cirsium lanceolatum* (L.) Hill
(3) In old pasture growing up to
thin deciduous woods on pine etc
road way leading along flats east of
Mrs. Burner's place (abundant, full bloom) ditto

7941 *Houstonia longifolia* L.
(1) In pasture thickly covered
with pines etc on dry shales near
(east) of where we parked $\frac{1}{4}$ mile. ditto

7942 *Paronychia canadensis* (L.) BSP.
(1) In same dry field with # 7941, ditto
low inclined hillside near Mrs. Burner's
back road; abundant

7943 *Stylacanthus biflora* (L.) BSP.
(2) with # 7942 abundant; still
in flower. ditto

7944 *Lespedeza repens* (L.) Bart
(1) with # 7943; abundant;
full bloom. L. procumbens
branching at apex, but not in flower. ditto

Lespedeza procumbens Michx. Th. Three Top Mt. Va
on dry shales in Massanutten Range,
7945 pasture east of Shenandoah Co
" Mr. Burner's place Aug. 14, 1940
growing up to pines etc. H.A. Allard
Dry; much *Osmunda* also.

7946 *Paronychia canadensis* (L.) BSP. ditto
(7) In moist soil far up near
shales proper, see a springy spot
in roadside. Here also *Primula lanceolata*
grows to great size. Partly shaded. (at one place
abundant)

7947 *Paronychia fastigiata* var. *paleacea* Fern ditto
(8) On barren shales covered with thin
growth trees (*Quercus montana*) mostly
very abundant.

7948 *Paronychia canadensis* (L.) BSP ditto
(3) *Eragrostis*
Growing with # 7946 same spot.

7949 *Cyperaceae* *Juncaceae*
(1) Growing beside # 7946 ditto
Juncus multiflorus (Walt.) Lejeune.

7950 = *Juncus macrocarpus* (Wieg.) Hermann.

7950 *Alnus incana* L ditto
(1) In damp thicket with 7946
and *Cirsium lanceolatum* far up
slope above a damp spot on a wood
road leading above shale banks.

7951 *Oxalis europea* var. *f. cymosa* (Small) n.
In same damp, wooded spot as 7946
with # 7946
(See Wiegand's treatment of *Oxalis*
(Rhodora 27: 135. 1925)

Gramineae. Three Top Mt., Va
In same damp spot Massanutten Range,
with # 7946, on mountain Shenandoah Co
Aug. 14, 1940
7952 side in offering H.A. Allard.
(3) in wooded road road.

7953 *Paronychia canadensis* (L.) BSP. ditto
(1) Growing with # 7952, etc.

7954 *Cyperus flaccidus* var. *proaeformis* (Pursh) Fern. ditto
(1) In damp soil in pasture
east of Mr. Burner's along old
roadway here above the flats.

7955 *Timothy's antismalis* (L.) BSP ditto
(2) var. *monoculata* (Michx.) Fern
growing intermingled with # 7954

7956 *Vernonia glauca* (L.) Willd ditto
(1) In open wooded pasture of
second growth pines, *Persea* etc.
on hill above road to rear of Mr. Burner's
house along the flats.

7957 *Rhus radicans* L ditto
(1) fruit subglobose, glabrous, greenish
Low, bushy form 2-2 1/2 ft. high, forming
large patches on steepest, driest slopes
of barrens proper where I fell; abundant

7958 *Commelina erecta* L.
(1) On steepest, driest shale barrens
where I fell; abundant; passing bloom.
(compared with E.C. Leonard 8-27-40)

Houstonia longifolia L. Three Top Mt., Va
on steepest slopes of Massanutten Range,
Shenandoah Co.,
7959 where I fell Aug. 14, 1940
|| east of foot of Pugh's Run; full bloom.
(Definitely is *H. longifolia*)

7960 *Paronychia fastigiata* var. *paleacea* Torr. ditto
|| on steepest shale barrens near
7959: abundant here.

7961 *Setaria lutescens* (Weigel.) P. T. Hult ditto
|| on dry shales in pasture, to rear
of Mr. Burner's house at foot of Pugh's
Run, here cactus is so abundant.

7962 *Hypericum perforatum* L. ditto
|| with # 7961: abundant here
in pasture and waste ground.

7963 *Aclepias variegata* L. ditto
|| or *Aerates viridiflora* L.
on steepest shale barrens with # 7959.
Not in flower; occasional.
= *Aerates viridiflora* Ell.
(Compared with E. C. Leonard
with U.S.N.M. material.)

7964 *Hypericum mutilum* L. Bull Run Mt., Va
(2) in red soil along Tanquer Co.
ditch banks along R.R.; August 18, 1940
abundant H.A. Allard
west of Bersley Mill.

7965 *Cornelius communis* L. ditto
|| in red soil along Mill Race in
thicket above Mill, and along rail road
where very common in ditches etc. full bloom.

Oxalis europaea Jordan Bull Run Mt., Va
f. *opposita* (small) King Tanquer Co.
in thickets, moist soil Aug. 18, 1940
7966 along Mill Race above H.A. Allard
Mill; abundant: west of Bersley Mill
(2) full bloom.
Presence of pedicels appressed, not
glandular, see Wiegand: *Rhodora* 27,
1113-138, 1925

7967 *Radiola palmatis* (L.) Moench. ditto
|| near # 7966: mostly past.

7968 *Aclepias incarnata* L. var. *pulehra* (Chk.) Pers. ditto
(2) along mill race above Mill: full bloom: red soil.

7969 Dodder; *Cuscuta groenlandica* Willd. ditto
(2) on *Aster paniculatus*
along mill race in moist soil
and thickets; scarcely in bloom.
scales lacinate.

7970 *Lactuca villosa* Jacq. ditto
|| along mill race in thickets
near 7968: abundant, full bloom
fl. blue.

7971 *Empetrum coelestinum* L. ditto
|| in damp soil along Mill Race
above Mill with # 7968: full bloom.
fl. violet purple.

7972 *Gamfanula aparistoides* Pursh ditto
|| in wet soil along banks of
Mill race near # 7968: full bloom.
stems roughened backward; suffrutescent
itself on other plants.

Boehmeria cylindrica (L.) Sw
in wet soil, thicket along
mill race above mill;
7973 abundant
Bull Run Mt., Va
Fauquier Co
Aug. 18, 1940
H.A. Allard
west of Berkeley Mill.

7974 *Ulmus americana* L
" along Broad Run above Mill. ditto
e

7975 *Galium asprellum* Michx
(3) In thicket along Mill Race supporting
itself on other herbage; leaf edges,
stems (angles) and veins, midrib of
leaves retroscly scabrous; abundant; full
bloom

7976 *Ascuta Gronovii* Willd.
(3) On *Impatiens biflora*
along Mill Race with # 7975;
abundant; full flower; stems yellow. ditto
x

7977 *Commelina erecta* L
(2) Beside Broad Run and Mill Race
above mill. Sheaths open.
Not abundant; full bloom. ditto
x

7978 Umbelliferae = *Cicuta maculata* L
" In damp soil thicket along
Mill Race above Mill. ditto
e
Cicuta maculata L (Roots tuberous; poisonous)

7979 Gramineae
(3) In moist soil, along Broad Run
above Mill; rank, tall. ditto
e
= *Cinna arundinacea* L.

Gramineae (none in flower)
in wet soil in thicket almost
in water along Broad Run
above Mill
7980
" = *Glyceria striata* (Lam.) Hitchc
Bull Run Mt., Va
Fauquier Co
August 18, 1940
H.A. Allard
west of Berkeley Mill

7981 *Elymus virginicus* L. var. *intermedius* (Vasey) Presl
" In moist soil along Broad Run ditto
with # 7980 e

7982 *Panicum polyanthes* Schult.
(2) In wet alluvial soil along
Broad Run above Mill ditto
e

7983 *Salix nigra* Marsh
" Tree of medium size along
Broad Run above Mill; abundant ditto
e

7984 *Salix sericea* Marsh
(2) Shrub along Broad Run beside
7983; abundant. Leaves silvery
anaceous beneath; flowering when
drying. ditto
e

7985 *Lobelia inflata* L
" In thicket along Broad Run
between Mill Race and stream;
common. ditto
e

7986 *Crotonopsis glandulosa* L.
(2) along railroad; abundant above
Mill; dry soil, cinders etc. (M. well-pang)
stellate hairy. ditto
e
var. *septentrionalis*

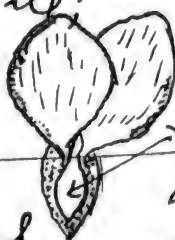
Euphorbia dentata Michx
along railroad above Mill in dry soil,
windless etc.

Bull Run Mt., Va
Fauquier Co
Aug. 18, 1940
H.A. Allard

- 7987 Abundant; full bloom here west of Berkeley Mill.
(1) (seeds rough) upper leaves very narrow,
british at base.)

- 7988 *Commelina communis* L
(1) Everywhere abundant along railroad
and on banks, damp soil etc. above Mill;
full bloom; anterior petal white.

Petal size
not Posterior
blue



ditto

ditto

- 7989 *Euphorbia* ~~trachicarpa~~ *virginica* L.
(2) Along railroad on banks etc. and
in track, windless etc. above Mill;
full bloom, seeds black, obtusely angled,
marked, roughened.

- 7990 *Cynodon dactylon* (L.) Pers
(1) on railroad here abundant
above Mill in windless.

- 7991 *Linaria vulgaris* L
(2) On dry embankments along railroad
above mill; passing flower.

- 7992 *Solidago juncea* Ait v
(2) On railroad embankments,
dry, above mill; abundant; full bloom.

- 7993 *Pycnanthemum incanum* (L.) Michx. v
(2) In thickets along railroad above
Mill; abundant; full bloom.

Dryopteris thelypteris (L.) Hoffm. Gray Bull Run Mt., Va
In moist soil at foot of rocky
railroad cut above Mill, Fauquier Co
Aug. 18, 1940
H.A. Allard

- 7994 Not fruiting here.
(1)

west of Berkeley Mill

- 7995 *Circaea discolor* (Muhl.) Spreng
(1) along railroad in thicket
above Berkeley Mill; also in
cleared, scarified areas at foot of
cliffs where flagstones in soil; full bloom.

- 7996 *Anemone alba* L
(1) along railroad above Mill (west)
on railroad.

- 7997 *Panicum boaic* Poit
(1) On ledges just east of Broad Run
station.

- 7998 *Populus grandidentata* L
(3) all from same small tree partly
killed by fire: woolly leaves from new basal shoots;
smaller, smooth leaves from old limbs. Note
juvenile leaves larger, of different shape, more
waxy beneath and with character of teeth different.
Internodes at top of ridge east of Broad Run station.

- 7999 *Populus grandidentata* L
(2) Juvenile woolly leaves from basal
shoots of another tree on same farm as
X 7998 but near above.

- 8000 *Sassafras albidum* var *molle* (Raf.)
(2) On ridge east of Broad Run station.
Leaves pubescent on twigs very pubescent.

Sericea/purpurea linifolia L. BSP. Bull Run Mt., Va
on dry ridge crest and farm Tangier Co
March 1940 east of H.A. Allard
8001 Broad Run Station: passing.
(2)

8002 *Eupatorium toreyanum* Thunb ditto
(2) with # 8001. Full bloom;
occasional. = *E. album* L. ✓

8003 *Quercus stellata* Wang ditto
(2) on dry ridge sparsely opposite
and across R.R. from Beverly Mill, e

8004 *Setaria viridis* (L.) Beauv. Arlington Co., Va
(1) From gray stone wall running from Clark
station west, joining red stone wall
here running N. & S. Most abundant
plant on the wall. all green.

8005 *Euphorbia preslii* Guss ditto
(1) on red sand stone section near
junction with white at Clark Station.
Plants much less common on this stone
this the only one of this species seen.

8006 *Oxalis stricta* L. ditto
(3) on gray stone National
Cemetery wall, south portion
west of Clark Station

8007 *Plantago major* L. ditto
(1) On red sandstone wall near
8005. Only plant found.

Panicum
on vertical face of brownstone
wall forming east boundary of
8008 National Cemetery. Arlington Co., Va
Clark Station
Aug. 22, 1940
H.A. Allard
Only specimen found.

8009 *Sigataria sanguinalis* (L.) Scop. ditto
(1) on vertical face of gray stone
wall of National Cemetery west of
Clark Station. This running E & W.
Only specimen found.

8010 *Stellaria media* L. ditto
(1) a mass of dead stems only, with
leaves - long dead. on gray portion of wall
near # 8009. Only specimen found.

8011 Small Poke weed plant ditto
(1) 5 inches tall. On gray portion
of wall near # 8009. Only
occurrence

8012 *Acalypha virginica* L. ditto
(6) all on gray stone portion
near # 8009 - scattered along
from Clark Station west. Most
abundant plant on the vertical face.

8013 *Euphorbia preslii* Guss ditto
(6) on vertical faces of gray stone
wall west from Clark Station.
One of most abundant plants with
8012 and # 8004

8014 *Paronychia canadensis* (L.) Wood Bull Run Mt., Va
(1) In sandy soil along road Tangier Co
on ridge just opposite Beverly Mill Aug. 25, 1940
H.A. Allard.
scattered. e

Paronychia fastigiata (Raf.) Fern, Bull Run Mt., Va
var. *typica* Fern
8015 Bracts mostly shorter than H.A. Allard.
flowers, but somewhat North of Thoroughfare Gap
(3) variable; stems red. Aug. 25, 1940
On ridge across from Beverly Mill in
sterile soil on road road; scattered.

8016 *Lichia leggettii* var. *moniliformis* (Bickn.) Hodgden.
" with # 8015: frequent ditto

8017 *Quercus marilandica* Muench
" On ridge near # 8015: scattered ditto
here and on dry ridge crests throughout.

8018 *Eupatorium pubescens* Muhl. ✓
" Near # 8015: a colony here. ditto
with # 8019.

8019 *Eupatorium* ^{album L. ✓} ~~*torreyanum*~~ *strictum*
" Growing beside # 8018: scattered ditto
over dry, open, wooded ridges at Thoroughfare
Gap: full bloom.

8020 *Sericocarpus antiochiensis* L. B. S. P.
" Along road leading from Rail Road ditto
at Mill to High Point, on dry wooded ridge;
frequent: full bloom
= *Aster infirmus* Michx. ✓

8021 *Gerardia laevigata* (Raf.) Raf. ditto
^{*australasica*}
" Near # 8020 on same road: abundant
in woods on ridges: full bloom
Lower leaves often with coarse, irregular teeth.

Paronychia canadensis (L.) Wood Bull Run Mt., Va
Below High Point Tranquien Co.
on trail south to Aug. 25, 1940
8022 Mill; sterile soil, North of Beverly Mill
" H.A. Allard

8023 *Lappula virginiana* (L.) Greene.
" On same trail with # 8022 ditto
abundant: passing.

8024 *Smilax rotundifolia* L. ✓
" On High Point cliffs ditto
very abundant here on shelves etc.

8025 *Digitaria sanguinalis* (L.) Scop.
" In thin soil on rock shelf ditto
at High Point cliffs.

8026 *Polygala ambigua* Nutt. ditto
" In dry soil on hillside in Prince William
hastens in valley road at
called in spring 1/2 mile north of
Beverly Mill.

8027 *Polygala ambigua*
" *Lichia* ditto
with # 8026: taller, later, greener than
8028 with which it is intermingled.
= *Lichia leggettii* var. *moniliformis* (Bickn.) Hodgden.

8028 *Lichia racemulosa* Lam.
" Growing with # 8027, but smaller, ditto
shorter, denser, bluish and more mature;
more conspicuously red-brown over the
hillside.

Lespedeza virginica (L.) Britton Bull Run Mt., Va
on dry hillside at railed-in Prince William Co
spring north of Bererley Mill Aug. 25, 1940
H.A. Allard
8029 1 1/2 miles in interior north of Bererley Mill.
(1) valley; abundant; full bloom.

8030 *Pyranthemum incanum* (L.) Michx. ditto
(2) In dry soil in thicket near
8029; full bloom.

8031 *Ascyrum hypericoides* L. ditto
(2) at quarry where water stands and
1st cabin on valley road 1 1/2 miles
N. of Bererley Mill; full bloom; abundant;
style 2. var. *multicaule* (Michx.) Horn.

8032 *Lechea racemulosa* Lam. ditto
(2) with # 8031 in dry soil.

8033 *Oxalis repens* Thunb. ditto
(1) with # 8031

8034 *Sigitaria ischaemum* (Schreb.) Muhl. ditto
(1) In corn field near first quarry;
abundant; on valley road.

8035 *Heum virginianum* L. ditto
(1) at 2nd quarry near # 8031
in thicket.

Setaria viridis (L.) Beauv. Bull Run Mt., Va
In corn field at second Prince William Co
quarry on valley road; Aug. 25, 1940
H.A. Allard
8036 abundant - 1 1/2 mi North of Bererley Mill
(1) north of Bererley Mill.

8037 *Eragrostis capillaris* (L.) Nees ditto
(1) Near # 8036.

8038 *Polygonum pennsylvanicum* L. ditto
(2) In same corn field with # 8036.
full bloom. var. *laevigatum*
f. *pallescens* Stanford

8039 *Sporobolus purpureus* (L.) Roth ditto
(2) In same corn field with
8036; very abundant; full bloom.

8040 *Paspalum pubescens* Muhl. ditto
(1) at first quarry in open ground
on valley road north of Bererley Mill

8041 *Lactuca canadensis* L. ditto
(1) In first old field - old chimney
stood 1/2 mile north of R.R. on valley
road; abundant; full bloom; fl. yellow.

8042 *Agrimonia pubescens* Waltr. ditto
(1) fl. yellow.
with # 8041; abundant; full bloom.

Lupinus siphilitica L. Bull Run Mt., Va
Prince William Co
Aug. 25, 1940
H.A. Allard
In nest spot in second
old pasture at first
8043 many on valley
road; full
bloom, abundant, beautiful.
North of Berens Mill

8044 *Scilla*
(2) Beside road in damp soil just
north of R.R. on valley road.
= *Scilla virginica* Willd. ditto

8045 *Epilobium adnigrum* (Michx.)
coloration Michx.
(1) with # 8044; full bloom.
(corolla white) ditto

8046 *Manisuris*
(1) Road side banks near R.R. on
valley road. *Aristida crotchi* (A. Gray) Nash. ditto

8047 *Quercus falcata* f. *triloba* (Michx.) Palmer & Slaymaker
(3) On dry ridge where valley road crosses
R.R. just below Berens Mill; tall
trees. The typical form also grows in
Bull Run area. ditto

8048 *Loxia villosa* Jacq. ✓
(1) Roadside with # 8046:
bl. blue: common; full bloom. ditto

8049 *Oxalis europaea* f. *cyrena* (Small) Mieg.
(1) Roadside near # 8046 ditto

Thysanotus attenuata (Michx.) Bull Run Mt., Va
Prince William Co
Aug. 25, 1940
H.A. Allard
In first old field on
valley road where
8050 old chimney stack North of Hagerell Gap.
(3) 1/2 mile N. of R.R.
In muddy low spot, with # 8051
Lindernia dubia major (Pursh.) Pennell. ditto

8051 *Eleocharis obtusa* (Willd.) Schultes
(2) Growing with # 8050. This
a small temporary wet spot
made by tractor in an old field but
kept filled by rains all summer. ditto

8052 *Hedera helix* L.
On large cedar tree on
ridge just across from Mill, old
in full bloom now. Tangier Co. ditto

8053 *Pilea pumila* (L.) Gray Allard's garden
(1) In shade of trees
near meadow grass; abundant.
Arlington Co., Va
Aug. 27, 1940
H.A. Allard

8054 *Oxalis europaea* Jordan
(2) In rock garden. ditto
(Inflorescence of pedicels flattened mostly)

8055 *Cladonia* ♂ Elliott Knob, Va
(1) at spring at shelter
at 4000 growing in
earth in clumps of wall net
with spray. Temp. of water of
spring 48° F. C. major (Hag.) Sandst. Angusta Co.
H.A. Allard.

8056 Spring 48° F. C. major (Hag.) Sandst.
(1) at alt of 3000 ft on dead stick
on ground. ditto

Vitis labrusca L Bull Run Mt., Va
In old pasture at first Prince William Co
old cabin along trail to Sept. 1, 1940
8057 chestnut Oak spring H.A. Allard
(4) in interior valley here. north of Hagerell
clusters small of 4-5 berries east slope where
only, and ripe or reddened. chestnut tree spring is.

8058 *Angelica villosa* (Walt.) BSP ditto
(2) In same field (pasture) near # 8057
In advanced fruit.

8059 *Aster umbellatus* Mill ✓ ditto
(1) In same ground of pasture
with # 8057: full bloom

8060 *Vitis aestivalis* Michx. ditto
(2) In thin woods near Hagerell -
Antioch roadway on ridge where
Viola pedata grows. fruit ripe or ripening.

8061 *Gerardia pedicularia* (L.) Raf. ditto
(5) *Aureolaria* in thickets on ridge
beside Hagerell - Antioch roadway where
Viola pedata grows. abundant here: full bloom.

8062 *Gerardia laevigata* (L.) Raf. ditto
(1) *Aureolaria* in thin pine woods east near
8061; abundant throughout Bull Run
area on ridges; full bloom, showy.

8063 *Carya glabra* (Mill.) Spach ditto
(6) In old field at cabin where # 8057
grows.

Panicum Bull Run Mt., Va
In swamp beyond 1st cabin Prince William Co
where # 8057 grows; damp. Sept. 1, 1940
8064 *mode of woods* H.A. Allard
(2) here. north of Hagerell
= *Panicum microcarpum* Muhl. Antioch highway in
interior valley here.

8065 *Oxypholis rigidior* (L.) Coult. & Rose ditto
(3) In swamp woods where 8064
grows. This the swamp made by replacement
of chestnut tree spring; full bloom; fl. white.
Tubers on roots.

8066 *Rubus hispidus* L. ditto
(2) *strigosus* fl. with # 8064:
abundant; fruit ripening, small,
reddish.

8067 *Eupatorium hyssopifolium* L. ditto
(3) In old pastures east of chestnut tree
spring near old cabin; stands where
idiophytes lived: abundant, full bloom here.
Not elsewhere in Bull Run area.

8068 *Lobelia spicata* L. Muhl. ditto
(2) Along brook in pasture
around chestnut tree spring;
full bloom.

8069 *Castanea pumila* (L.) Mill ditto
(2) In some dry pasture beyond cabin
where # 8067 grows; abundant here.

8070 *Gerardia flava* L. *Aureolaria virginica* L. ditto
(2) In heavy chestnut Oak woods on
ridge (east slope) west of interior valley
where chestnut tree spring is; past bloom;
not abundant; capsule pubescent.

Galium latifolium Michx. Bull Run Mt., Va
Prince William Co
Sept. 1, 1940
H.A. Allard
In heavy chestnut oak
woods west of valley
8071 where chestnut tree
131 spring is, where highway intersects interior valley
very abundant; in where chestnut tree spring is.
fruit now; fruit smooth. e

8072 *Galium* ~~*virgatum*~~ ^{*vilosum* Ait} Michx. ditto
" with # 8071; abundant, in fruit.
abundant on wooded ridges, and in pastures
in thickets throughout. e

8073 *Desmodium illinoense* Darl. v ditto
" In thickets near first cabin
where # 8057 grows; abundant; just
in bloom. e

8074 *Solidago rugosa* Ait v ditto
" In old pasture at first cabin
near # 8073 e

8075 *Agrimonia parviflora* Ait ditto
" In damp soil along chestnut tree
spring overflow; in mid bloom;
an abundant species throughout. e

8076 *Desmodium punctilobula* (Michx.) Moore. ditto
" In old pasture thicket near first
cabin where # 8057 grows. e

8077 *Hieracium scabrum* Michx. v ditto
" Near # 8076; abundant; full bloom. e

In swamp with # 8065 Bull Run Mt., Va
Athyrium affinis (Michx.) Moore Prince William Co
Sept. 1, 1940; H.A. Allard
North of Hagerell-Antioch
high ridge in interior
valley. e

8078 ditto
" In swamp formed by overflowed
of chestnut tree spring in interior
valley, it with # 8065; local. e

8080 *Sanicula canadensis* L ditto
" In same woods near # 8071;
last flower. e

8081 *Desmodium rotundifolium* (Michx.) DC ditto
" (2) On crest of ridge directly
west of chestnut oak spring
on north slope of interior valley
1/2 mile from Hagerell-Antioch road;
full flower; abundant locally. e

8082 *Viburnum acerifolium* L ditto
" with # 8071; abundant; in fruit;
abundant in woods throughout. e

8083 *Leptocarpus intermedius* (Wats.) Britt ditto
" In same woods west of chestnut oak
spring on slope where # 8071 grows
not abundant; perhaps my first record;
full bloom. e

8084 *Linum medium* (Planch.) Britton ditto
" with # 8071 in same woods;
last flower. L. strictum Walt. v e

~~Athyrium~~ *Athyrium asplenoides* (Michx.) Desv. Bull Run Mt., Va
Prince William Co
In damp shaded woods Sept. 1, 1940
8085 open pine woods H.A. Allard
in same just North of Hopewell Gap
north of cabin where idiots lived
in interior valley, near a gigantic, dying
gleetoria triseanthos tree unable to compete
here.

8086 *Athyrium asplenoides* (Michx.) Desv. ditto
" In swamp just north of pasture
here above cabin stands: a deep ravine
here.

8087 *Athyrium asplenoides* (Michx.) Desv. ditto
" In same swamp with # 8086

8088 *Orchidaceae* ditto
" In damp woods near # 8086
hard to find: scattered throughout
= *Habenaria clarellata* (Michx.) Spreng

8089 *Juncus subnodatus* (Engelm.) Coville ditto
" In swamp with # 8086 Blake,

8090 *Pyrola americana* Spach ditto
" On side of rain^{slope} forest, rich woods
descending to swamp where # 8086 grew.

8091 *Saxifraga hirculus* Marsh ditto
" Beyond cabin where idiots
lived in dry pasture; beside # 8069
= *Chrysopsis* very abundant here.

Oenothera Massanutten Mt., Va
Shenandoah Co
In old pasture east of Sept. 2, 1940.
Mr. Burner's house H.A. Allard.
8092 *Oenothera* On shale barrens at
and growing to woods. foot of Potomac River
(one plant seen) full bloom. near Woodstock, Va.

8093 *Astragalus alternifolius* (L.) DC. ditto
" At foot of Shale Barrens in same
waste ground, second growth pasture
with # 8092, full along River here.
abundant; full bloom.

8094 *Euphorbia dentata* Michx. ditto
" In same old pasture with # 8092;
abundant; full bloom.

8095 *Spiranthes* ditto
" In same waste ground pasture
with # 8092

8096 *Lida spinosa* L. ditto
" with # 8092; abundant
in dry pasture here.

8097 *Pinus virginiana* Mill ditto
" On true barrens near top:
abundant on barrens, stunted.

8098 *Solidago boothii* Hook ditto
" On Shale Barrens proper;
full bloom; abundant here.
Near # 8097.

Paronychia fastigiata Massanutten Mt., Va.
Shenandoah Co.
var. *holocarpa* Fernald Sept. 2, 1940

8099 very abundant on at H.A. Allard
4 Barrens proper - The near Woodstock on
only one: full bloom shale Barrens.
and in pure colonies throughout

8100 *Vitis aestivalis* Michx.
(3) on Barrens proper: abundant; ditto
in fruit. (correct)

8101 *Rhus glabra* *isocarpha* Brotero
(1) on Barrens proper with # 8100 ditto
not abundant.

8102 *Rhus radicans* L.
(3) very abundant on Barrens proper ditto
and in fruit: Low, bushy, in colonies.

8103 *Acerates viridiflora* L.
(1) on Barrens proper: part flower: ditto
not abundant.

8104 *Cheilanthes lanuginosa* (Michx.) Nutt ditto
(3) on Barrens proper: in colonies:
abundant.

8105 *Trichostema lineare* Nutt
(1) on Shale Barrens proper; ditto
not abundant, (compared at Museum)
- correct

Commelina erecta L. Massanutten Mt., Va.
Shenandoah Co.
on steepest Barrens Sept. 2, 1940

8106 *Commelina* ^{profer} in large clumps; H.A. Allard
(4) erect: posterior on shale Barrens at
H.A. Allard foot of Pughs Run
petals blue; anterior ~~very small~~ white, deeply emarginate
longitudinally and ridged, ^{upward} ~~on~~ ^{at} typical shale Barrens plant: full flower

8107 *Galatella* ~~regularis~~ ^{regularis} (L.) B.S.P. ditto
(3) on steepest shale Barrens proper:
abundant: part flower; very first record
in Va.

8108 *Houstonia longifolia* Gaertn ditto
(1) on Shale Barrens proper, where
even steepest and most barren: full
flower; abundant

8109 *Solidago puberula* Nutt Elliott Knob, Va.
(8) around fire tower at ditto
top of knob at 4473 ft: very
abundant here, full bloom. (near Staunton.
Sept. 2, 1940
H.A. Allard)
Most abundant species here (3 specimens to S.F. Blake 9-11-40)

8110 *Chelone glabra* L. ditto
(5) in wet soil, abundant, full flower
around spring at old shelter, at 4000 ft.
(Temp spring 48°)

8111 *Solidago puberula* Nutt ditto
(4) around spring at old forest
shelter at alt. 4000 ft: abundant here,
full flower.

8112 *Liatris graminifolia* (Walt.) Willd ditto
(1) well up trail on east slope from
Buffalo Gap high way, at alt. 3000 ft:
abundant: full flower.

Houstonia tenuifolia Elliott Knob, Va
Augusta Co
on trail up east slope alt Sept. 2, 1940
8113 at 1500-2000 H.A. Allard
" ad 3000 ft On East slope trail to
abundant; full bloom. top of Buffalo Gap
highway.

8114 *Solidago arguta* Nutt ditto
" at spring at forest shelter at
alt. 4000 ft; full bloom: abundant.
leaves very sharply, finely serrate.

8115 *Juncus subcandatus* (Engelm.) Coville ditto
" in damp soil around spring
overblown near # 8114

Identified by F. J. Hermann
Oct 28, 1940.

8116 *Eriophorum virginicum* L ditto
" around spring in very wet, cold
soil (spring 4800) Bracts tawny.
scattered plants here.

8117 *Gentiana quinquefolia* L ditto
" at top of knob around tower:
just in flower: scattered here

8118 *Gizia cordata* (Walt.) DC ditto
" around fire tower at alt. 4473
ft. near # 8117

8119 *Helianthus strumosus* L ditto
" around fire tower: just in bloom.

Aster macrophyllus L Elliott Knob, Va
Augusta Co
at top of knob at Sept. 2, 1940
8120 fire tower, alt. H.A. Allard.
" 4473 ft: abundant; full bloom.

8121 *Solidago squarrosa* Muhl. ditto
" at fire tower with # 8120:
occasional here; full bloom.

8122 *Solidago bicolor* L ditto
" at fire tower with # 8121:
full bloom; abundant; rays whitish.

8123 *Prevanthes trifoliolata* (Lam.) Fernald ditto
" on trail up, near # 8113: full
bloom: scattered, in thickets.

8124 *Aster acuminatus* Michx. ditto
" at top with # 8121:
abundant; full bloom.

8125 *Saxif.* ditto
" at spring in cold wet soil
with # 8116.

8126 *Allium cernuum* Roth ditto
" at fire tower with # 8116:
abundant; full bloom; purplish fl.

Monotropa uniflora Ell. et N. Knab, Va
Half way on east slope of Augusta Co
from Buffalo Gap Highway Sept. 2, 1940
8127 (very pink form) H.A. Allard
(1)

8128 *Neliopsis scabra* ~~Donat~~ Bull Run Mt., Va
15/ ~~Pers~~ Price William Co
in pasture just below Bererley Mill on left side of Broad Run
Sept. 8, 1940 H.A. Allard.
creek; abundant here; full bloom.

8129 *Actinomeris alternifolia* (L.) DC. ditto
(2) Along Broad Run throughout, with
8128; very abundant here; full bloom.
The most common weed.

8130 *Rudbeckia laciniata* L. ditto
" abundant with # 8128 all down
Broad Run and in low grounds:
full bloom.

8131 ~~*Verbena occidentalis* (L.) Walt.~~
Actinomeris alternifolia (L.) DC. ditto
(2) with # 8128: abundant in
pastures along Broad Run; full bloom.
Stems hairy, ringless.

8132 *Carya cordiformis* (Wang.) K. Koch. ditto
(3) 1 1/2 miles down Broad Run below
Bererley Mill; rich soil.

8133 *Polygonum dumetorum* L. ditto
" seeds very shining.
In thicket 1 1/2 miles down Broad Run.
from Bererley Mill; abundant.

Carya cordiformis (Wang.) K. Koch. Bull Run Mt., Va
2 miles below Bererley Mill Price William Co
in moist soil Sept. 8, 1940
8134 H.A. Allard
(6) In Broad Run flood
plain below Bererley
Mill.

8135 *Albizia occidentalis* L. var. *canina* (Raf.) S. ditto
(2) 2 miles below Bererley Mill
at old mill race, old stone cellar hole.
Tree large, leaves diseased; trunks & limbs
covered with warty excrescences with a small gall.
Pachypsylla globulosa Ril.

8136 *Carya cordiformis* (Wang.) K. Koch. ditto
" Near # 8135

8137 *Paronychia canadensis* (L.) Wood ditto
(2) About 2 miles below Bererley Mill
on steep wooded, naked bank along
Broad Run, local.

8138 *Alisma subcordatum* Raf. ditto
" In muddy inlet 1 1/2 miles
below Bererley Mill.

8139 *Leersia virginica* Willd. ditto
" *argyroides* (L.) Swartz
(3) On sand bar in stream 1 1/2 miles
below Bererley Mill.

8140 *Eleocharis obtusa* (Willd.) Schultes ditto
" with # 8139.

Ludwigia alternifolia L Bull Run Mt., Va
on sand bar in stream Prince William Co
1 1/2 miles below Mill Sept. 8, 1940
H.A. Allard
8141 abundant in seed. On Broad Run flood
plain below Beresley Mill.

8142 *Bidens comosa* (Gray) Wiegand ✓
(2) with # 8141; abundant in
red sand; full bloom. ditto

8143 *Polygonum ^{humatum} ~~acres~~* HBK
(1) in red soil beside # 8141; ditto
abundant, full bloom along shores here e

8144 *Lycopus americanus* Muhl ✓
(1) in red soil of same sand bar ditto
with # 8141; abundant; full bloom
in red soil here. e

8145 *Hypericum mutilum* L
(2) with # 8141; abundant in red ditto
soil; full bloom. e

8146 *Oxalis ^{sp.} europaea* f. *cymosa* (Small) Wieg ditto
(2) on gravel bar in Broad Run,
near # 8141; abundant, full bloom. e

8147 *Croton glandulosus* L. var. *septentrionalis* M. E. G. ditto
(2) with # 8141

Lespedeza cuneata D. Don. Bull Run Mt., Va
on wet sand bar Prince William Co
in stream 1 1/2 miles Sept. 8, 1940.
H.A. Allard
8148 below Mill at On Broad Run flood-
(4) Beresley; full bloom plain below Beresley Mill.
(ident. by Dr. F. J. Hermann 1940)

8149 *Thopisus pennsylvanica* Marsh
(4) in red soil on bank of Broad Run ditto
1 1/2 miles below Mill; abundant
on flood plain. e

8150 *Mentha piperita* L ✓ ditto
(4) on same sand bar with # 8141.
Large clumps; full bloom here. e

8151 *Mentha arvensis* L var. *sativa* Benth. ✓ ditto
(1) on moist soil 1 mile below
mill. just in bloom. e

8152 *near, branched filamentous*
(3) firmly attached to rocks in ditto
swift water just below Beresley
Mill. with black branched stems e
Podostemum ceratophyllum Michx.

8153 *Thopisus pennsylvanica* Marsh ditto
(7) Leaves sharply serrate, which is not
characteristic perhaps) e
(just below Beresley Mill on Broad Run.)

8154 *Vitis vulpina* L ditto
(3) Near # 8153
climbing over trees; abundant;
fruit mostly green; when ripe black, very sour.

Cirsium discolor (Muhl.) S. ✓ Bull Run Mt., Va
Prince William Co
Sept. 8, 1940. H.A. Allard.
In pasture 1/2 mile
8155 below Bererly Mill On Broad Run below
along Broad Run: Bererly Mill.
(2) very abundant, full bloom.

8156 *Fragaria grandiflora* Ehrh ditto
(2) On Broad Run flood plain below
Bererly 1 1/2 miles: abundant.

8157 *Aster divaricatus* L. ✓ ditto
(2) 1 1/2 miles below Bererly Mill
in woods on bank along Broad Run:
abundant; full bloom; fl. white.

8158 *Epifagus virginiana* (L.) Bort ditto
(2) 1 1/2 miles below Bererly Mill in
damp soil beneath beech tree: very
abundant; full bloom.

8159 *Quercus bicolor* Willd. ditto
(3) In wet soil 2 miles below Bererly Mill
in pasture on Broad Run:
several here, with pin oaks.

8160 *Sauvularia marilandica* L. ditto
(1) In pasture 1 1/2 miles below
Bererly Mill: in fruit.

8161 *Eupatorium coelestinum* L. ✓ ditto
(1) On Broad Run flood plain
just below Bererly Mill a few hundred
yards: abundant, full bloom.

Ambrosia trifida L. ✓ Bull Run Mt., Va
var. *integerrima* (Small) Tuck. ✓ Prince William Co
(Entire leaves) Sept. 8, 1940. H.A. Allard
8162 On Broad Run below
Bererly Mill.
(1) Near #8161

carolinensis (Walt.) Steud.
8163 *Ruellia ciliosa* Pursh ditto
(1) Leaves decidedly petioled, lower
part bloom; with #8161

8164 *Perilla frutescens* (L.) Britton ✓ ditto
(2) Just below Bererly Mill in damp soil.
Produces solid cover of herbage in many areas
all down Broad Run: just in bloom; foliage
green; a most abundant weed.

8165 *Eupatorium perfoliatum* L. ✓ ditto
(1) Leaves narrower: upper not mottled
full bloom: very abundant in wet
pastures and on flood plain of Broad Run.

8166 *Elephantopus carolinianus* Pursh ✓ ditto
(1) Near #8161: abundant in
damp areas: full bloom.

8167 *Trifolium pennsylvanicum* Marsh ditto
(3) On Broad Run flood plain 2 miles
below Bererly Mill. Leaves very
slightly lobed: nearly entire.
(Compare with #8153)

8168 *Erechtites hieracifolia* (L.) Raf ✓ ditto
(1) In pasture just below Bererly Mill, ditto
common; leaves silvery white.

Oxalis europaea L f. *cynea* (small) Wieg
On Broad Run flood plain 1 1/2 miles below
8169 Bererley Mill: abundant. Bull Run Mt., Va
(2) Prince William Co
Sept. 8, 1940 e
H.A. Allard.
On Broad Run left bank
below Bererley Mill.

8170 *Sanicula canadensis* L
" On Broad Run flood plain 2 miles ditto
below Bererley Mill: in fruit. e
(damp soil)

8171 *Saururus cernuus* L
(3) Near # 8170: in damp pasture, ditto
abundant: full bloom: fl. red, e

8172 *Vitis vulpina* L
(3) 2 miles below Bererley Mill e ditto
on flood plain of Broad Run: abundant
high climbing.

8173 *Nedoma pulegioides* (L.) Pers. L ditto
" Just below Bererley Mill on
banks of Broad Run: very abundant,
full bloom, e

8174 *Aristida didyma* Michx. Bull Run Mt., Va
" In dry barren field Fauquier Co., e
a pasture north of Hagerell Sept. 15, 1940
1 mile: abundant. H.A. Allard
North of Hagerell
Hagerell slope and
pastures.

8175 *Panicum leindheimeri* Nash.
" In same barren spot e ditto
with # 8174

Leersia oryzoides L. Swartz Bull Run Mt., Va
Sept 15, 1940
In red soil near Hagerell H.A. Allard
8176 quarry, 1/2 miles North of Hagerell Hagerell
(5) north of Hagerell Hagerell. Prince William Co
e

8177 *Lactuca villasa* Jacq. L ditto
" In thickets near # 8176
fl. blue, very tall 6-8 ft. e

8178 *Muhlenbergia schreberi* Donel. ditto
" In open waste ground at Harris
quarry, near # 8176 e

8179 *Digitaria ischaemum* (Schreb.) Muhl. ditto
" Growing intermingled with
8178 at same spot. e

8180 *Polygala verticillata* L. var. *ambigua* (Walt.) Wood. ditto
(5) On dry roadside, in sandy soil
in open woods on road north of Hagerell: full
in interior valley: abundant locally: e

8181 *Bidens aristosa* (Michx.) Britton ditto
(2) var. *pitchei* Fern. V.
on road from Hagerell to
Antioch: near Antioch, on roadside:
very abundant here this year, and
up to Hagerell Hagerell: full bloom: e
leaves downy and barbed:
very showy.

8182 *Echinochloa crus-galli* (L.) Beauv. ditto
(2) In damp soil in waste ground
near # 8176. e

Polygonum neglectum Besser. Bull Run Mt. Va
Prince William Co
In waste ground at Harris quarry Sept. 15, 1940
8183 north of Hoperell Gap. H.A. Allard
"1 (downy weed) North of Hoperell Gap. e

8184 *Prenanthes trifoliolata* (Lam.) Fernald ditto
"1 Roadside on interior valley road
from Owens to Harris quarry
1/2 mile from Owens on dry, wooded roadside
banks: full bloom; frequent. e

8185 *Aster discoloratus* L. v. ditto
"1 Near # 8184 same locality:
abundant in woods; full bloom e

8186 *Gerardia laevigata* (Raf.) Raf. ditto
anversiana
"1 In same woods near # 8184.
abundant; full bloom. e

8187 *Collinsonia canadensis* L. v. ditto
"31 In moist woods near Harris
quarry 1 mile north of Hoperell Gap
on interior valley road from Owens
to Harris quarry; frequent; full
bloom. a thick woody horizontal rhizome. e

8188 *Lactuca villosa* Jacq. v. ditto
"21 In moist waste ground thickets
roadside at Harris quarry north of
Hoperell Gap 1/2 mi. on Owens to Harris
quarry: abundant; full bloom; (fl. blue) e

8189 *Mikania scandens* L. Willd. v. ditto
"41 In wet ground thickets at Harris quarry
near # 8188: abundant along valley
streams; full bloom; very fragrant;
flesh pink. e

Polygonum sagittatum L. Bull Run Mt. Va
Prince William Co
wet soil near # 8189 Sept. 15, 1940
8190 abundant in low H.A. Allard
ground thickets: full North of Hoperell Gap
"31 bloom: fl. pink, or white, often
almost crimson. e

8191 *Hypericum mutilum* L. ditto
"21 In wet open soil near # 8190:
abundant in open lowlands; passing. e

8192 *Polygonum scandens* L. ditto
"31 In moist thicket near # 8189:
abundant, high climbing in low, wet
situations or moist. e

8193 *Demodum dillenii* Darl. ditto
"41 In dry thickets pasture on Harris
place near # 8190, near live quartz
boulders: abundant; full bloom; pinkish. e

8194 *Sida spinosa* L. ditto
"1 Near # 8193: abundant; full bloom. e

8195 *Polygonum pennsylvanicum* L. ditto
"21 In old field with # 8193:
abundant; full bloom; fl. deep pink:
var. *laevigatum*
f. *haldense* Stanford v. freq. e

8196 *Oxalis europaea* L. *var. rymosa* (small) ditto
"41 In same old field with # 8193:
very abundant; stems glabrous; pedicels,
capsules with loose, spreading pubescence;
full bloom. e

Dioscorea villosa L.
~~in woods~~ near
White. Rocks.

8197

(3)

Bull Run Mt., Va
Prince William Co
Sept. 15, 1940
H.A. Allard
North of Hagerell Gap
1 1/2 miles

8198 *Monotropa hypopitys* L.

(2) In same woods, but below white
Rocks, west slope: deep red coloration;
full bloom: several localities seen here.

ditto

8199 *Helianthus giganteus* L.

(4) In old pasture north of Hagerell Gap,
west slope west of Mrs. Cope's.
abundant: full bloom; pale yellow or orange rays.
In Fauquier Co.

ditto

8200 *Solidago graminifolia* var. *mutabilis* (Greene) Threlk.

(2) In old field with # 8199: abundant;
full bloom: very pubescent.

ditto

8201 *Vitis aestivalis* Michx.

(2) In thicket along fence row in
old pasture near # 8199.

ditto

8202 *Athyrium thelypteroides* (Michx.) Desr.

(2) In swampy woods near old
house abandoned north of Mrs. Cope.

ditto

8203 *Solidago ciliata* (Laf.) Blake

(2) In old waste ground near old
abandoned house near # 8202.

ditto

~~*Polygonum demissum*~~ Bull Run Mt., Va
~~*Polygonum scandens*~~ Fauquier Co

In briar thicket north of
Hagerell Gap 1 mile
8204 west slope near Mrs. Cope's west slope.
(3) abundant.

8205 *Oxalis europaea* f. *cymosa* (Small) Wiegand

(3) (Same as # 8196)
In old pasture 1 mile north of
Hagerell Gap, west slope.
capsules & pedicels with loose, long hairs,
shaggy; abundant: full bloom.

8206 *Mentha piperita* L.

(6) In very wet soil in swale along brook
at Mrs. Cope's; abundant, full bloom.

8207 *Epilobium corymbosum* Michx.

(1) In same swale with # 8206:
abundant: corolla white.

8208 *Cuscuta* on *aster* = *Cuscuta indecora* Chrys.
var. *demotus*.

(1) In low ground in Cope's pasture
near # 8206.

8209 *Oxalis europaea* var. *cymosa* (Small) Wiegand

(2) In old field ~~near~~ north of Hagerell Gap 1/2 mile.
Stems glabrous; capsules and pedicels
loose hairy with spreading hairs.
Very abundant

8210 In waste ground in *Lepidogon*

(2) old pasture near # 8209
Stipules large: barely in flower.
Lepidogon stipularia Maxim.

Lespedeza dillenii Darl., Bull Run Mt., VA
Desmodium
In old field 1 mile
8211 north of Hotwell Gap.
111 near 8210.

Fauquier Co
Sept. 15, 1940
H.A. Allard.

Eupatorium niticaefolium
var. *villicaulis* Ternald

Massanutten Mt., Va
Shenandoah Co
Sept. 22, 1940
H.A. Allard

8218 along road
from Mr. Burner's north of Woodstock, Va.
(9' where we park to Mr. Boyer's old couple)
along the Shenandoah, very abundant,
intermingled with the typical, and with all degrees of
pubescence; full bloom.

8219 *Eupatorium niticaefolium* Reichard
(2) growing closely intermingled with
8218, but very sparsely pubescent.

8220 *Eupatorium altissimum* L
(2) In old field of Mr. Boyers, just east
of their house (old couple in 80's, both).

8221 *Helianthus scabra* Dunal
(2) abundant in old pasture and field
where # 8220 occurred; full bloom.

8222 *Carya glabra* (Mill.) Spach
(2) On true shale barrens east of
old Mr. Boyers, in second growth; dwarfed, ditto

8223 *Houstonia longifolia* Gaertn
" on true shale barrens above
Boyers - (near # 8222) Past flowering.

8224 *Trichostema lineare* Walt
(2) On true shale barrens above
Mr. Boyer's pastures. (Compared at Museum)
= correct.

8212 *Xanthium* ~~*racemosum*~~ ^{*mungens* Walbr.} Walt
(1) In old field just below Castell's
just on north side of Hotwell Gap road.

8213 *Euphorbia* ~~*maculata*~~ ^{*angulata* L} ~~Walt~~
(3) In old field with # 8212: abundant, ditto

8214 *Asalypha virginica* L
(1) In old field with # 8212: abundant, ditto

8215 *Oxalis europaea* f. *cymosa* (Small) Wieg.
(22) ^{var} on roadside just below Castell's ditto

8216 *Oxalis europaea* Jord
(1) Near greenhouses.
capsules & pedicels with
appressed pubescence, and also
long spreading hairs on capsules, ditto

8217 *Setaria faberii* Horner
(10) Now widely scattered over Arlington
Farm, north of greenhouses etc. Very variable in
abandoned fields, some much branched & 3 ft or more
tall. Does not compete well with native grasses
in established turf.

Paronychia fastigiata
Bracts subtending flowers variable
8225 Near Boyer's on true shale barrens at foot of Pugh's Run north of Woodstock, Massanutten Mt., Va. Shevandroh Co. Sept. 22, 1940 H.A. Allard
(3) his pastures: abundant; passing flower.

8226 *Solidago altissima* L.
(3) In pasture of old Mr. Boyer; abundant, very tall, showy, full bloom.

8227 *Delphinium ajacis* L.
(1) Same pasture with 8226. (one plant) bl. blue.

8228 *Liatris scariosa* Willd.
(10) On true, barren shales near high rock slides east of old Mr. Boyer's: very abundant, very showy, full bloom - very beautiful.

8229 *Cassia nictitans* L.
(1) On true shale barrens near Mr. Boyer's: abundant; passing.

8230 *Houstonia longifolia* Gaertn.
(3) On true shale barrens near Mr. Boyer's. Very abundant on steeped barrens: first flower.

8231 *Paronychia fastigiata*
(3) On true shale barrens high up slope east of Mr. Boyer's, near high rock slides - with # 8228.

Solidago bicolor with yellow rays
8232 I fell again cutting my left arm. Intermingled with white-rayed *S. bicolor*, otherwise indistinguishable and abundant here: full flower.
Massanutten Mt., Va. Shevandroh Co. Sept. 22, 1940 H.A. Allard
at foot of Pugh's Run north of Woodstock
May 1st 1941 H.A. Allard
erecta

8233 *Solidago bicolor* L.
(1) white rays, abundant and giving with # 8232: common species on true barrens.

8234 *Lafayettea repens* (L.) Bort
(1) On true barrens where I fell, beyond Mr. Burner's.

8235 *Paronychia fastigiata*
(3) with # 8234: abundant.

8236 Moss
(1) *Brinonia* etc
On outcropping shales near # 8235

8237 *Cheilanthes lanosa* (Michx.) Benth.
(2) with # 8236 on same outcrop.

8238 *Polygonatum commutatum* (R.P.S.) Dietr.
(1) A colony beside outcrop where # 8237 and 8236 grew. (strictly smooth.) My first record for this species on the shales proper.

Ipomoea hederacea Jacq. Arlington, Va
H.A. Allard's garden, Sept. 23, 1940
8239 Full bloom; fl. pink. H.A. Allard.

8240 *Oxalis corniculata* L. (see Wiegand, Arlington, Va.
(6) Rhodora, 27, July, Aug. 1925, Hb 113-139) Sept. 24, 1940
Near greenhouses at Arlington Farm, Va. H.A. Allard.
Leaves purplish - somewhat glaucous.

8241 *Oxalis europaea* Jacq.
(6) Near # 8240 around greenhouses. ditto

8242 *Panicum velutinalum* Massanutten Mt., Va.
(4) Just east of Mr. near second growth woods
Burner's before Pugh's Run. Sherrandoah Co.
1st barrens are reached Sept. 29, 1940. H.A. Allard.
2nd growth woods; closed forest.

8243 *Panicum*
(2) In woods at top of further
shales east of Mr. Burner's. ditto

8244 *Alyssa virginica* L.
(1) In woods at top of further
of 1st barrens east of Mr. Burner's. ditto

8245 *Aster laevis* L.
(1) at foot of shale barrens
near # 8244: rays blue. ditto

Aster cordifolius L. Massanutten Mt., Va.
with # 8245. Sherrandoah Co.
Sept. 29, 1940
8246 Scattered in deep
barrens at foot of Pugh's Run.
(3) barrens: rays purple, sturdy.

8247 Grass
(1) In barrens at foot of 1st shale
barrens with # 8245 ditto

8248 *Gerardia laevigata* Raf.
(1) In woods at top of further
barrens east of Mr. Burner's
in *Pinus pungens* crotone.
Past flower. ditto

8249 *Crataegus*
(1) (fruit orange red)
On true barrens where we fell
farthest from Mr. Burner's. ditto

8250 *Solidago erecta* Pursh (yellow form) ditto
(2) On true barrens where we fell, ie farthest
from Mr. Burner's: very abundant here
on all this particular area, intermingled
with the white form. # 8252

8251 *Solidago erecta* Pursh (yellow)
(4) Found in deep woods just above
8250, but identical with latter. ditto

8252 white rayed form of *Solidago* ditto
(39) growing all over the shale
with # 8250 with yellow rays.
Indistinguishable from the yellow rayed
true *erecta* in some instances, at least the
most glaucous plants; some incline to bicolor
in barrens.

Solidago bicolor L. Massanutten Mt., Va.
Very hairy; all from the same Shenandoah Co.
mule brushed plant. On trail, Sept. 29, 1940
8253 *var. nearcticum* Burner's H.A. Allard,
(4) (east). at foot of English Run
(white-rayed) on shale barrens east
of Mr. Burner's.

8254 *Solidago speciosa* Nutt. Massanutten Mt., Va.
1 5/1 Plants from seed of Parents from
field at Arlington Farm near Tappan
since May, 1938. 10-29-37. To cool home
First from 9-20-1940. Plants 3-11-38. To Kail ad test 5-3-38.
breeding of here ad very strong.

8255 *Solidago bicolor* Nutt. Arlington Co., Va.
(3) white-rayed progeny. Grown at Arlington Farm, Va.
of *Solidago bicolor* white. Arlington Co., 9-27-40
H.A. Allard
harvest on 13th day 1938 = plant B. from
field 1939, 40 ad. these taken from this row.
Leaves small & scabrous.

8256 *Solidago*
(3) These are yellow-rayed plants
from same progeny as the white-rayed ditto
#8255, i.e. sister plants of same
progeny. In this progeny from which #8255
and #8256 came, were 87 white and 7 yellow plants.

8257 Yellow-rayed *Solidago* - more Bull Run Mt., Va.
(2) nearly bicolor than erecta. Fanning Co.,
on dry ridge just above Oct. 6, 1940
Castello's quarry South of Hatfield Gap.
H.A. Allard
not abundant.

8258 *Corallorhiza odontorhiza* Nutt.
(1) In deciduous woods on west slope ditto
below High Point Cliffs. Frequent,
full bloom. e

8259 *Butyrchium obliquum* Muhl.
(2) with #8258; abundant e ditto
throughout the heavy woods here,
ad. var. dissectum here also, less common,
fruiting in autumn.

Oxalis europaea var. *cymosa* (Small.) Wieg. Massanutten Mt., Va.
On shale soil just west of Shenandoah River
east of road, in Great Valley, ad. just
8260 west of Three Top Mt. slopes - on
(5) next left highway below Forest Grove
Farm
abundant; full bloom, very fine
shale barrens across River here, (see photo.)

8261 Yellow-rayed golden rod hairy
(2) throughout as in *S. bicolor*. ditto
On dry shale knobby at cabin,
just above where we parked car and
found #8260. Occasional here

8262 *Crataegus* Va., Massanutten Mt.
(1) in pine woods etc.
on true shale barrens south end of Short Mt.,
half way up slope; Shenandoah Co.
buds deep yellow; some October 10, 1940.

8263 with reddish face: one plant only;
(3) all the fruit on ground; small bush.
Aster pilosus Willd. In low brushy
pasture on just below shale barrens ditto
higher on south end Short Mt.: abundant here;

8264 full bloom
(5) *Lespedeza intermedia* (Rat.) Britton ditto
with #8263; abundant here; past
blossom, *Astragalus distortus* grows
here etc. (See Rhodora 31: 31, 1924 by S.F. Blake)

8265 *Leguminosae* *Clactia* (L.) Britton ditto
(3) growing in same area with #8263 ad
#8264; in fruit only. - *S. regularis* (L.) BSP
my first record here. (correct)

8266 *Euphorbia maculata* L. (correct) ditto
(1) with #8263
abundant; also nearly or quite
on barrens higher. Past blooming.

Solidago bicolor L (rays white) south end of
very abundant, full bloom Short Mt., Va
on low inclined shales Massanutten Range
8267 just before reaching Shenandoah Co
19) true shales (steep) October 10, 1940
of short mt. growing H.A. Allard
in thin open pines and hardwood
No yellow golden rods in entire area here.

8268 *Agrimonia pubescens* Walbr.
On shale barren mtn. But October 12, 1940
well up steep slope of south end of Short
mt. Va. Past flower, roots tuberous (correct)
thickened (True shale plant)
8269 *Pyranthemum* ^{*l. a. mollis* (T. & G.) Britch of Gray}
incanum (L.) Michx. ditto
growing with 8268 on true shales.
Past flower. (correct)

8270 *Verbena urticaefolia* L
" (bl. white) ditto
growing with 8268 on true
barrens. Nearly past flower.
a true shale barren species.

8271 *Aster oblongifolius* Nutt
" On true shale barrens near ditto
shale cliff outcrop far up. one of most
abundant species on the shale barrens; full bloom
very showy.

8272 *Aster laevis* L
" On true shale barrens throughout, ditto
and most abundant; full bloom. Most
striking plant following *Allium cernuum*,
in autumn. Leaves very narrow or broad.

8273 *Aster sp.* (no good probably)
" a narrow leaved form merely.
" *Malva glaucescens* Rehd. Bull Run Mt. Va
with fruit (not in Nat. arboretum) H.A. Allard
Beyond High Point oak grove west of H.A. Allard
High Point Ridge in high pasture. Oct. 13, 1940
fruit perfectly smooth, not angled. see H.A. Allard
collections.

Aster oblongifolius Nutt Bull Run Mt., Va
in high pasture west of Tangier Co
N.W. of big white oak October 13, 1940
8274 grove west of High Point Ridge.
" Rare; my first record for Bull Run
area; one splendid showy clump
only.

8275 Plant A, *Nicotiana tabacum* L
" from upper Marlboro Md.
Md. Broadleaf var.; Byrnes-Robinson strain
(air-cured type) Prince Georges Co.
Aug. 30, 1940. H.A. Allard

8276 Plant B, *N. tabacum* L. Md. Broadleaf
Byrnes-Robinson strain; air-cured type.
Aug. 30, 1940. H.A. Allard Prince Georges Co.
Entire plant sections A, B, C, D from top of ground.

8277 Plant #1, *N. tabacum*
" Maryland Medium Broadleaf,
Robinson strain.
grown at upper Marlboro, Md.
Prince Georges Co.
Aug. 30, 1940 H.A. Allard
Sections A, B, C, D from top down of one plant.

8278 Plant #2, Md. Medium Broadleaf strain
" Robinson strain: upper Marlboro Md.
Prince Georges Co. Aug. 30, 1940
H.A. Allard
Sections A, B, C, D from top down, of one plant.

8279 *Nicotiana rustica* L. var. *Brasilica*
" grown at upper Marlboro, Md., #34753
Prince Georges Co.
Aug. 30, 1940. H.A. Allard
Sections A, B, C, D from top down, of one plant.

8280 *N. tabacum*, Judy's Pride
Plant #1 Light air-cured type for cigarettes, H.A.
growing, smoking. grown by
Mrs. Chance at Greer, Tenn.
Aug. 29, 1940. (Sections A, B, C, D etc. of
one plant from top down. Greene Co.)

N. tabacum L. Plant No 2 of var. Judy's Pride,
light air-cured type grown mainly in Ky, Tenn.
for pipe, cigarette and chewing
8281 Greeneville, Tenn., Greene Co., grown
by Mr. Chance. Aug. 29, 1940. H.A. Allard.
sections A, B, C, D etc from top to ground.

8282 *N. tabacum*, Improved One-sucker-
group at Arlington Farm, Va.
Dark air-cured type. Grown mainly
in Ky, North Tenn., and So. Ind. Chewing type.
Sections A, B, C etc from top. Aug. 29, 1940
H.A. Allard.

8283 *N. rustica* var. *Brasilica* # 34753 grown
at Arlington Farm, Arlington Co., Va.
August 29, 1940. H.A. Allard.
A high-nicotine sh.
Sections A, B, C, D etc from top.

8284 *N. tabacum* Turkish type var. *Smyrna*.
Grown at Arlington Farm, Arlington, Va.
H.A. Allard. Aug. 29, 1940.
Sections A, B, C. etc from top down.

8285 *N. tabacum* var. *Lizard's tail*; dark fire-
cured type, grown mostly in Va., for
chewing and export.
Grown at Arlington Farm, Arlington Co., Va.
Aug. 29, 1940. H.A. Allard.
Sections A, B, C, D of one plant (down to ground)

8286 *N. tabacum* var. *Hickory Pryor*.
Dark fire-cured type grown in Va. for
chewing and export. Grown at Arlington Farm,
Va. Aug. 29, 1940. Sections A, B, C, D
etc. from one plant.

8287 *N. tabacum*, var. *xanthi*, a Turkish type.
Grown at Arlington Farm, Va. Arlington Co.
Aug. 29, 1940. H.A. Allard.
Sections A, B, C, D down from top, of one
plant.

N. tabacum L. Corn, Hasana Seed type, for
a cigar-wraffer type. Grown by Mr. Keitlinger
near Amherst, in Corn. Valley, Mass.
Aug. Sept. 6, 1940. H.A. Allard.
8288 sections of one plant from top down -
A, B, C etc.

one plant *N. tabacum*, Corn Broadleaf V. S type 51
cigar-wraffer type. Grown by Mr.
8289 Keitlinger near Amherst, Mass., Corn.
Valley. Sept. 6, 1940. Sections A, B, C, D
etc from top down.

one plant *N. tabacum*, Corn. Shade-grown Cuban.
8290 Cigar-wraffer type. Grown by Mr.
Keitlinger near Amherst, Mass., Corn. Valley.
Aug. Sept. 6, 1940. H.A. Allard.

one plant No 1. of Cash var., Orinoco type (N.
8291 *tabacum*). Grown at Oxford, N.C., Granville
by Mr. Mass. Blue-cured type: mostly cigarette tobacco.
Sept. 9, 1940. H.A. Allard.
Sections A, B, C, D etc from top down.

Plant # 2, Cash var. Blue-cured type, +
8292 (*N. tabacum*). Grown by Mr. Mass at
Oxford, N.C., Granville Co. Sept. 9, 1940.
H.A. Allard. Sections A, B, C, D etc. from top down.
(Orinoco group)

Plant # 3, Cash var. Orinoco group, Blue-cured
8293 type, (*N. tabacum*). Grown by Mr. Mass
at Oxford, N.C., Granville Co.
Sept. 9, 1940. H.A. Allard. Sections A, B, C, D
from top down.

8294 One plant *N. tabacum*, Penn. Broadleaf,
Olson strain, Cigar-filler type, grown
by Mr. Street, Sept. 5, 1940. H.A. Allard
Sections A, B, C, D etc. from top down.
Grown at Lancaster, Pa. Lancaster Co.

Penn. Broadleaf, Swan-Nibshman strain,
cigar-filler type. - *N. tabacum* L. Brown
at Lancaster, Pa, Lancaster Co. by Mr. Street,
U.S.D.A. Sept. 5, 1940. H.A. Allard.
8295 Sections A, B, C, D etc from top down.
of one plant.

8296 Cash var., Orinoco group, fly-axed
Type. - *N. tabacum* L. Brown by
(1) E.W. Moss, Oxford, N.C., Meville Co.,
Sept. 9, 1940. H.A. Allard.
Sections A, B, C, D etc from top down, of
one plant.

8297 one plant of *Nicotiana glauca* Domin
from near Hermannsburg, Central Australia,
sent to Tobacco Division 19039 for *Duboisia*
hopwoodii (see letter). Brown at Arlington Farm,
Va. Arlington Co., 1940 in buckets.

8298 ~~one~~ October 3, 1940. H.A. Allard. one
Sections A, B, C, D etc. from top down, plant
(1) Sister plant to # 8297 (same data) etc.
sent to U.S. National Museum. Numbers 8275
to 8297 inclusive sent to

8299 *Nidularia* from Big Bald (trail up) Big Bald Knob
just above Camp Todd.
For Camp Todd, go to Mt. Solon, Nokesville,
follow road, turning left to a sign saying
1 mile to CCC Camp. Take right here and keep on to shelter.
Nov. 10, 1940. Augusta Co., Va.
H.A. Allard.

8300 Disease of *Hystrix patula* from my short Mt.
on short Mt., Va. South end. Massanutten
(no disease ref. on this grass before) Shenandoah Co.
Nov. 11, 1940
H.A. Allard.

8301 *Citraria islandica* (Nostrum) ditto
Growing on trail where it turns off
to 1 mile to Big Bald Knob, in thicket,
open soil here beside - checkerberry, Turkey Bedrock,
Adonis rangifera, etc. (abundant in spots)
(None collected)

True lichen - ~~Foot~~ of Big Bald Knob at spring at
Big Bald Knob at spring at Big Bald Knob, Augusta Co., Va.
8302 Camp Todd. Nov. 10, 1940.
H.A. Allard.
" several

8303 bark lichens on Bull Run Mt., Va.
distinct oak red slope west slope, Fannin Co.,
" below High Point Nov. 17, 1940.
one - (25-30) - one dots 000 H.A. Allard.

8304 thin smoky circles on ditto
" partly rocks on ground near # 8303

8305 black areas on Mountain Lake, Va.
" red and fine whitish S. 3-5, 1936.
points also Col. Wm. W. Diehl.

8306 *Phoradendron* Bull Run Mt., Va.
(2) young plants (bush) North Prince William Co.
near top of red maple trees near cabin in way to cabin in
field where magnolia is lined - is
near Chestnut Spring, 25 ft. high. near Antioch 1/2 mile
in *Phoradendron* staminate. Nov. 21, 1940
H.A. Allard.

8307 One top rock lichen
on ridge where white moss grows ditto
north of Harris place.

8308 One top rock lichen ditto
same loc., with # 8307

one top rock lichens
on ridge just north of
Harris place and
white pines
all the rocks flat on
soil.

8309

Bull Run mt., Va.,
Prince William Co.,
North of Hopewell Gap and
Antietam. Nov. 21, 1940
H.A. Allard.

8310

one top rock lichens.
with # 8309

ditto

8311

one top rock lichens - with # 8309

ditto

8312

Bsp bark lichens on
one small persimmon
tree in field near
bare soil areas.

Bull Run mt., Va.
Langston Co.,
west slope below
High Point Cliffs
Dec. 8, 1940
H.A. Allard.

8313

Bsp bark lichens on bark of
tree near # 8312.

ditto

8314

Bsp bark lichens from one old persimmon
tree near # 8313 - a different tree.

ditto

8315

white areas on Prunus serotina
small bushes near # 8312

ditto

Bsp of bark lichens on large
chestnut Oak tree below High Point.

8316

Bull Run mt., Va.
west slope below High
Point Cliffs. Dec. 8, 1940
H.A. Allard.
woods below High Point.

8317

Bsp Cladonia and grass on
inclined surface of a large
boulder in woods below High Point.

ditto

8318

Trigs (dead) with lichens from
lower limbs of Tulip Poplar
near # 8312, in old pasture

ditto

8319

white areas on trigs (limbs) of
Tulip Poplar with same tree as # 8318
white areas with dull blackish dots.

ditto

8320

Lichen - brown areas on Black Gum
in woods below High Point ridge

ditto

8321

Bsp bark lichens on large
chestnut Oak tree below High Point cliffs

ditto

8322

grayish lichen areas with 2-5 marks
on bark of chestnut Oak - near # 8321.

ditto

Lichens (yellow dots) on bark of Chestnut Oaks in woods below High Point.

8323

(1)

Bull Run Mt., Va
Fauquier Co.,
Dec. 8, 1940
H.A. Allard
road slope below High Point
Bridge.

8324 Bark lichen on Chestnut Oak

(1) near # 8323

ditto

8325 Cladonia on dead stick

(1) near # 8323

ditto

C. squamosa (Scop.) Hoffm.

8326 Cladonia on soil at base of

(1) tree in woods near # 8323

ditto

C. caespiticia (Pers.) Thöferke.

~~Phoradendron~~ *Platanus* (Pursh) Nutt. V

8327 Staminate plants of mistletoe just in flower on top of live suberect Bull Run Mt., Va
(2) just north of Hagerell Gap road south of Prince William Co.
Chestnut tree spring, my first Nov. 21, 1940
research for this plant in Bull Run area; H.A. Allard.
no mistletoe plants found. (out of date order)

8328 Lichens on sandstone Bull Run Mt., Va
(1) rocks west of Chestnut tree Prince William Co.,
spring. on rocks on ridge
north of Hagerell Gap
west of Chestnut tree
spring. Dec. 22, 1940.
H.A. Allard.

8329 Bsp rock lichen.

(1) on ledges west of
Chestnut tree spring

ditto

Bsp of rock lichen. with # 6329. Bull Run Mt., Va
Prince William Co.

8330

(1)

North of Hagerell Gap,
west of Antioch
Dec. 22, 1940
H.A. Allard.

8331 Bsp rock lichen.

(1) with # 6329
(near on sandstone)

ditto

8332 Bsp rock lichen.

(1) with # 6329

ditto

8333 Bsp bark lichen on

(1) red oak tree, near Chestnut tree
spring south.

ditto

8334 Bsp rock lichen.

(1) with # 6329

ditto

8335 Lignum on red oak tree

(1) with # 8333

ditto

8336 Pure colony of tiny gray
(1) lichen on sandstone on pile
just north of Chestnut tree spring.

ditto

Two lichens crataeg - same Bull Run Mt., Va
one gray - one black on
rocks, on ridge North of Hagerell Gap,
near Chestnut Tree Spring,
Prince William Co.,
8337 nest of chestnut tree Spring
" " H.A. Allard
Dec. 22, 1940.

8338 Bop rock lichens
" "

Same locality and
ridge nest of
Chestnut Tree Spring,
but January 1, 1941,
H.A. Allard.

8339 Bop lichens from bark of big
" " chestnut oak (Q. montana) on
top of ridge nest of chestnut tree spring

ditto

8340 Bop bark lichens from same sp.
" " of oak at same place

ditto

8341 Bop rock lichens coll. near # 8339
" "

ditto

8342 Bop rock lichens coll. with # 8339
" "

ditto

8343 Hepatic on bark of
" " chestnut oak tree with 8339.

ditto

Bark lichen on Rock Chestnut
tree (gray lichen) at High Point.

8344
" "

Bull Run Mt., Va
Fauquier Co.,
January 5, 1941
H.A. Allard
at High Point

8345 Bop bark lichens from
" " Rock Chestnut Oak at High Point

ditto

8346 one top bark lichen (whitish patches)
" " on Rock Chestnut Oak bark at
High Point cliffs.

ditto

8347 Bop bark lichens on same species of
" " oak as with # 8346

ditto

8348 Bop bark lichens on same species of
" " oak with # 8346

ditto

8349 Bop bark lichens on same species
" " of oak with # 8346

ditto

8350 Bop bark lichens on trees; white
" " patches on lichen; others on
Rock Chestnut Oak. Near # 8346

ditto

Bop bark lichens on *Quercus montana* at High Point Cliffs. Bull Run Mt., Va. Franquier Co. January 5, 1941. H.A. Allard.

8351

||

8352 Bop bark lichens on chestnut oak near # 8351

||

ditto

8353 Bop bark lichens on chestnut oak near # 8351

||

ditto

8354 Bop rock lichens from High Point Cliffs

||

ditto

8355 Bop rock lichens near # 8354

||

ditto

8356 Bop rock lichens near # 8354

||

ditto

8357 Bop rock lichens near # 8354

||

ditto

Bop rock lichens on High Point Cliffs. Bull Run Mt., Va. Smoky Black circular spots, mostly Franquier Co., on low ground rocks in woods on trail from Berkeley Mill: common on rocks at High Point Cliffs. January 12, 1941. H.A. Allard.

8358

||

8359 Large bop rock lichens from High Point Cliff outcrops

||

ditto

8360 Bop rock lichens with # 8359

||

ditto

8361 Bop of small gray *parmelia*-like. Very abundant at High Point.

||

ditto

8362 Bop rock lichens with # 8361

||

ditto

8363 Bop rock lichens with # 8361

||

ditto

8364 Bop rock lichens with # 8361

||

ditto

Top bark lichens from
chestnut oak and lichen on
High Point Cliffs.

8365

||

Bull Run Mt., Va
Fauquier Co
January 12, 1941
H.A. Allard.

8366 Top bark lichens from chestnut oak
and lichen with # 8365

||

ditto

8367 Fruticose (small) lichen
on High Point Cliffs, pure.

||

Bull Run Mt., Va
Fauquier Co
January 19, 1941
H.A. Allard.

8368 Single species lichen on cliffs
at High Point.

||

ditto

8369 Top bark lichens on Quercus montana

||

ditto

8370 Top rock lichens from High Point

||

ditto

8371 Top rock lichens near # 8370

||

ditto

Top rock lichens from
High Point Cliffs.

8372

||

Bull Run Mt., Va
Fauquier Co
January 19, 1941
H.A. Allard.

8373 one Top rock lichen
from High Point Cliffs.

||

Bull Run Mt., Va
Fauquier Co
January 26, 1941
H.A. Allard.

8374 Top bark lichens from
chestnut oaks, west slope
at foot of cliffs at High Point Cliffs

||

ditto

8375 Small top lichens
High Point Cliffs.

||

ditto

8376 Bry moss at base of
tree near # 8374

||

ditto

8377 Hepatic near # 8374

||

ditto

8378 Cladonia on bark at
base of tree at top of High
Point Cliffs.

||

Bull Run Mt., Va
Fauquier Co.,
H.A. Allard
Feb. 2, 1941

Bop rock lichens from
High Point cliffs

8379

(1)

Bull Run Mt., Va
Fauquier Co
Feb. 2, 1941
H.A. Allard

Bop rock lichens -
with #8385

8386

(1)

Bull Run Mt., Va
Prince William Co
Feb. 9, 1941
H.A. Allard
North of Hagerell Gap.

8380 Bark lichens from chestnut oak
(1) near #8379 and pine. ditto

8381 Bop very fine gray lichens on rocks
(1) at High Point. Colonies nearly pure ditto

8382 Bop rock lichens with #8379
(1) ditto

8383 *Cladonia*
(1) on bare soil on old barn.
in woods on east slope of ridge
far N. west of Chestnut tree spring.
C. grayi f. aberrans *Asalsina*
grayanic acid + P - Bull Run Mt., Va
Prince William Co.
North of Hagerell Gap.
Feb. 9, 1941
H.A. Allard.

8384 *Cladonia coniocraea* f. *ceratodes* (Flörke) Wain
(1) growing beside #8383 ditto

8385 Bop of 3 bark lichens
(1) on trunk near ground of large red
oak tree on ridge & ledge just south of
Harris's place. near white rocks (east escarpment) ditto

8387 Large top rock lichens.
(1) On middle ridge of Chestnut tree spring and
white rocks. ridge east escarpment
near Harris's place. ditto

8388 Bop rock lichens.
(1) from High Point cliffs ditto

8388A = *Sphaerocarpus* (Fr.)
on *Quercus montana* (Feb. 9, 1941)
8389 Bop rock lichens from High Point cliffs ditto
(1)

8390 ♀ cup *Cladonia* with 8388
(1) in moss on rock shelf. ditto

8391 Rock lichens
(1) Bop from low rocks
and boulders in
deciduous woods Bull Run Mt., Va
Prince William Co.,
on slopes west of
Catlett's Branch
2 1/4 miles north of
Berkeley Mill, below
High Point cliffs,
east slope, March 23, 1941
H.A. Allard.

8392 Rock lichens
(one bop.) with #8391. ditto

Pop rock lichens on
logs, rocks and boulders
isolated in deciduous
8393 woods.

U

Bull Run Mt., Va.
Prince William Co.
2 miles north of Beverly Mill
on slope west of Catletts
Branch below High Point
on east slope; March 23, 1941
H.A. Allard.

8394 Pop rock lichens with #8393
(one)

ditto

8395 Pop rock lichens with 8393
U

ditto

8396 Pop rock lichens with 8393
U

ditto

8397 Hepatic in deep ridges (crevices)
U of oak(?) near #8393,

ditto

8398 Pop cladonias on bare soil
U on wood road bank beside
Catletts Branch.

ditto

8399 Pop cladonias with #8398
U one with red apothecia and
very squamulose & C. coccinea,
f. squamulosa

ditto

Pop bark lichens on
chestnuts also mostly;
near 8393,
8400

U

Bull Run Mt., Va.
Prince William Co.
March 23, 1941.

H.A. Allard
on east slope of High
Point, midway between
that and Catletts Branch
2 miles $\frac{1}{4}$ north of Beverly
Mill.

8401 Pop rock lichens.
U

Bull Run Mt., Va.
Fauquier Co.
from cliffs on short
ridge S. of High
Brownedge field
S. of Hagerell Gap.
3-30-41
H.A. Allard

8402

U one pop rock lichens with #8401

8403 One pop rock lichens with 8401
U

ditto

ditto

8404 Pop lichens on soil and dead sticks
U in wet ravine just S. of Riley's cabin ditto
S. of Hagerell Gap. dull green -
Parmelia?

8405 Peltigera on soil and dead wood
U with #8404 - in wet soil
above Shunk's Cabbage ground.

ditto

8406 Cladonia on soil (naked) in heavy
woods west slope of short ridge just S.
of Hagerell Gap and High Brownedge field
from heads.

ditto

Moss on dead wood in woods near Bull Run Mt., Va
slope S. of Hagerell Gap and south Tranquien Co
of high brown ridge field.

8407

||

3-30-1941
H.A. Allard,
S. of Hagerell Gap
on short ridge of
S of high brown-
ridge field.

8408 Sop rock lichens from
|| cliffs just south of High Point
on same ridge

Bull Run Mt., Va
Tranquien Co
April 6, 1941
H.A. Allard,

8409 Sop rock lichens with #8408

||

ditto
4-6-41

8410 Cladonia

|| On soil on bank on road but. Prince William Co
road leading from Beresky Mill
to High Point (in snail farm area)

8411 Cladonia

|| with #8410

ditto C. apodocarpa as
squammules this 2.

ditto

8412 Cladonia with #8410

|| Very squammulose

ditto

8413 Cladonia with 8411

|| Same thing.

ditto

|| Sop Cladonia with
#8410

8414

||

Bull Run Mt., Va
Prince William Co
April 6, 1941
H.A. Allard

8415 Moss on rock
|| near #8410 -

ditto

8416 Cladonia with #8410

||

ditto

8417 Cladonia with #8410.

||

ditto

8418 Rock lichen at High Point cliffs Tranquien
|| 4-6-41 Co

8419 Rock lichen with #8418

||

ditto

8420 Sop bark lichens
|| from mostly chestnut oak
at High Point cliffs

ditto

Bop bark lichens
mostly from chestnut oak
at foot of cliffs.
8421
" "
Bull Run Mt., Va
Tangier Co
High Point cliffs.
April 6, 1941
H.A. Allard.

8422 Moss. On rocks in woods
" " west slope below High Point.
" " in fruit.
ditto

8423 Peltigera. On soil near # 8422
" "
ditto.

8424 Umbilicaria
" " On rock faces at High Point
" "
ditto

8425 Gyrophora. On rocks with
" " # 8424 at High Point cliffs
" "
ditto

8426 Bop bark lichens
" " on ridge west of alluvial
and chestnut tree spring. Bull Run Mt., Va
Prince William Co.
April 13, 1941
H.A. Allard
N. of Hopewell Gap past
milkhouse.
ditto

8427 Bop bark lichens
" " at base of chestnut oak on top of ridge
with # 8426.

Populus grandidentata Michx. Bull Run Mt., Va
6 staminate; one pistillate. Prince William Co
on ridge west of chestnut north of Hopewell Gap
8428 tree spring 1 mile from 1 mile
" " (17) Hopewell Gap highway. 4-13-41
one pistillate tree only. H.A. Allard,
in 40-50 staminate; full bloom.

8429 Moss at base of large tree
" " in Jackson Hollow along Catharpin creek
" "
ditto

8430 Liverwort on wet soil (in fruit)
" " near # 8429 by spring. More deep
eroded road way is, N. of Hopewell Gap 1 1/2 mi.
" "
ditto

8431 Moss & liverwort
" " on wet soil with # 8430
" "
ditto

8432 Red liverwort on roadside bank
" " near # 8430
" "
ditto

8433 Liverwort in wet soil (in fruit)
" " near # 8430.
" " same species.
" "
ditto

8434 Red hepatic near # 8432.
" "
" "
ditto

Moss on moist bank
of deeply eroded road in
woods along Gatharpin creek.
8435 in Jackson Hollow. 1 1/2 mi.
Bull Run Mt., Va
Prince William Co
North of Hopewell Bay
April 13, 1941
H.A. Allard.

8436 Moss - Near # 8435 on wet soil ditto
(1)

8437 Sphagnum. On damp soil near
(1) # 8435 - where road is badly eroded ditto
and wet.

8438 Liverwort covering wet rocks ditto
(1) in cold brook flowing into
road way near # 8435

8439 Chrysosplenium americanum Schrein ditto
(3) In cold brook and mud in Jackson
Hollow near old cabin where Riley's once
lived below Harris quarry; water 51°-52° F.
as det. by Taylor Binoc.

8440 Liverwort in fruit on moist
(1) soil near # 8435; abundant here. ditto
Ribbon-like, thin
Pallasiopsis?

8441 Ranunculus abortivus L. allard's garden
(1) allard's garden: April 18, 1941, 4-18-41
H.A. Allard
Arlington Co.

Cabrella bursa-pastoris
(bairy form)

8442
(1)

allard's garden,
Arlington Co.
4-18-41
H.A. Allard.

8443 Rust on Sapium virginianum Bull Run Mt. Va
(1) = Prince William Co.
on leaves, on a number of plants near April 20, 1941.
heavy light in cleared area north of Hopewell Bay
6 miles. Not abundant, dark brown, mossy
yellowing of leaves: new to Va; first record.
H.A. Allard.
(will of slope near tower)

8444 Carex on cleared area from ditto
(6) high way to heavy light; abundant
= C. pennsylvanicus Lam.

8445 Viola sagittata Ait. ditto
(1) (petals large) blue-
near heavy tower with # 8444

8446 Viola pedata var. lineariloba ditto
(3) with # 8443 - all way to tower;
both color forms abundant.

8447 Viola pedata L. ditto
(3) Lower petals dark black purple
with # 8446; abundant.

8448 Viola (bearded) ditto
(1) leaves incised or lobed at base.
Near # 8444; abundant
= V. triloba Schrein.

Viola - blue, bearded Bull Run Mt., Va
= *Viola sororia* Willd. Prince William Co.
N. of Hagerell Bay 6 mi.
8449 April 20, 1941
H.A. Allard,
In clearing to beaver tower.

8450 *Saxifraga virginensis* Michx.
" with # 8449; abundant; full bloom. ditto

8451 *Quercus marilandica* Muench
" at top of ridge of beaver tower ditto
near # 8449; full flower; abundant.

8452 *Silene pennsylvanica* (Michx.) Clancy
" with # 8449; very abundant all day up; whitish to pink; very viscid pubescent; full bloom. ditto
= *Scaroliniana* ssp. *pennsylvanica* (Michx.) Clausen.

8453 *Gutierrezia plantaginifolia* (P.) Richards
" ♀ + ♂ with # 8449; abundant. ditto

8454 *Potentilla canadensis* L var. *typica* Fern.
" var. *argyræa* Fern. ditto
" with # 8449 all way to tower; abundant; full bloom.

8455 *Vaccinium corymbosum* L
" var. *atrovirens* Gray ditto
In red soil by little brook below beaver tower near # 8449. Bush 8-10 ft tall.

Anemone *Thalictroides* Bull Run Mt., Va
In clearing leading to (P) Park Prince William Co.
aeromantis tower April 20, 1941
8456 N. of Hagerell Bay H.A. Allard,
" full bloom; abundant.

8457 Moss.
" In water on rocks below ditto
tower in little brook from spring, crossing clearing.

8458 *Viola* *papilionacea* Pursh allard's house
" (7) In flower everywhere; ditto
and the only violet here. Arlington Co., Va
shaggy petals here, April 24, 1941
with out hairs. Full bloom
eye white; sepals white margined; petals violet blue.

8459 *Taraxacum helveticum* (Lam.) DC. ditto
" (4) var. *vulgare* (Lam.) DC.
On the lawn everywhere; in full bloom.

8460 *Carex blanda* Desv. Bull Run Mt., Va
" In wet open ground April 27, 1941.
just below Beverly Mill in flood plain.
H.A. Allard,
Earliest low ground Broad Run, left bank

8461 *Cardamine* species. as it flows, below
" (6) Beverly Mill or Triassic
very tuberculent for two miles
one disjunct 2 miles below Prince William Co.
Not quite in anthesis. (Schnef.) B.S.P.

8462 *Viola eriocarpa* Schnef. ditto
" (3) caps. woolly; plants mostly glabrous.
Near # 8461; full bloom.

- Viola papilionacea* Pursh. Bull Run Mt., Va.
Prince William Co.
along the creek
throughout: full bloom April 27, 1941.
On flood plain of
Broad Run below
Beverly Mill on
Triassic left bank
as at flood.
- 8463 (4) spurred petal nearly
or quite without hairs.
eye white; color of
petals deep violet
Mr. Erlanson for National Arboretum (Herbarium)
- 8464 *Viola papilionacea* Pursh ditto
(4) Near # 8463.
spurred petal more or less
hairy; eye white; petals deep violet
- 8465 *Arisaema atrorubens* f. *viride* (Engelm.) Fern.
8465b = *A. atrorubens* f. *viride* (Engelm.) Fern. = *f. umbellatum*
Spathes and plant uniform
green color. Near rapids where
shaded across - 1 1/2 miles down.
8465A - abundant. Leaves not glaucous.
8466 *Arisaema atrorubens* f. *viridulum* (Sims.) Fern.
see notes
brunt. *Arisaema atrorubens* (Ait.) Blume. *Prinplii*
Spathes purple black, as well as
inside of flower. Beside # 8465,
and abundant. No glaucous condition
on plants.
- 8467 *Vicia angustifolia* Reichard.
(3) Flowers deep rose.
On flood plain throughout, here;
full bloom. ditto
- 8468 *Cerastium nutans* Raf.
(4) Near # 8467; scattered ditto
- 8469 *Claytonia virginica* L.
(1) Near # 8467; very abundant, full bloom ditto

- Erythronium americanum* Ker. Bull Run Mt., Va.
Prince William Co.
with # 8467 etc.; very April 27, 1941.
(2) 8470 abundant, past H. A. Allard
flower; capsules on flood plain
full young, truncate, Broad Run on Triassic
ad apex, with very obtuse below Beverly Mill,
angles, falling over left bank down
into the leafage, due to weak peduncles.
- 8471 *Glechoma hederacea* L.
var. *parviflora* (Benth.) House.
with # 8467: abundant, full bloom ditto
- 8472 *Plantago virginica* L.
(1) In dry pasture near Beverly Mill ditto.
on right bank near New Baltimore
highway. Just in flower, (a few)
- 8473 *Antennaria neglecta* Greene. ditto
(3) staminate and pistillate. Very
abundant in dry pasture near # 8472
- 8474 *E. leuccharis tenuis* (Willd.) Schultes
(1) In over place from spring in ditto
pasture near # 8472 and 8473.
- 8475 *Veronica serpyllifolia* L.
(1) In dry ground in pasture ditto
near # 8472
- (1) 8476 *Veronica arvensis* L.
In pasture near # 8473 ditto.
- ♡

Lupinus peregrinus L. Bull Run Mt., Va.
Fauquier Co.
on dry rock banks
by railroad V. of
Beverly Mill where
burned last year 1940; full bloom,
abundant, very showy.
April 27, 1941
H.A. Allard.

8477 (3) *Clematis* (*Viorna*) *Ochroleuca* Nutt.
on same slope near # 8477 ditto
full bloom.

8479 (1) *Luzula echinata* (Small) Hervey
Near Spouting Spring
north of Beverly Mill in
woods ditto

8480 (1) *Silene caroliniana* var. *pennsylvanica* (Michx.)
var. *virginica*. ditto
calyx glandular pubescent
with # 8478: abundant, full
bloom here.

8481 (6) *Asarum canadense* *reflexum* Bickn.
on flood plain below
Beverly Mill, left bank Prince William
down: abundant, full bloom
4-27-41 G.

8482 (7) *Barbarea verna* (Mill.) Asch.
with # 8481 ditto

8483 (3) *Barbarea* *Ranunculus*
with 8482 *lulbasus* L ditto

Viola. Bull Run Mt., Va.
Road side N. of Beverly Fauquier Co.
Mill on U.S. # 55, April 27, 1941
H.A. Allard.

8484 violet blue petals.
V1 = *Viola sagittata* Nutt.
var. *ovata* (Nutt.) T. & G.

8485 *Viola papilionacea* Pursh ditto
Near # 8484, in open field
across # 55 beside Broad Run Creek.
petals violet blue; white eye; few or
no hairs on spurred petal; sepals with white
margin.

8486 *V. papilionacea* Pursh.
Roadside near # 8484 ditto
same characteristics as # 8485
Lansen.

8487 *Thlaspi arvense* L ditto
along railroad at road above Beverly Mill,
where locally abundant; setting rods. None
found it only here.

8488 Mass
In Spouting Spring; temp 52° F. ditto

8489 *Aralia nudicaulis* L ditto
on rocky slope just above
Spouting Spring above Beverly Mill;
Full bloom.

8490 *Viola papilionacea* Pursh. ditto
Below Beverly Mill
on Broad Run flood plain. Same hairs on spurred petal;
otherwise like # 8484. Prince William
Co. Triassic.

Viola papilionacea Pursh. Bull Run Mt., Va
Prince William Co.
petals violet blue; spurred April 27, 1941
8491 ~~with much hairiness~~ H.A. Allard.
sepals white margined; eye white; otherwise
(2) like #8463 beside which it grows.

8492 ~~*Leaves of *Epipactis**~~ *abortiva* L. ditto
(2) ~~*Epipactis americana*~~ *var. typicus* Tuckerm. Prince William Co.
on flood plain of Broad Run below Bererly Mill.
Abundant; full bloom.

8493 *Barbarea vulgaris* R. Br. ditto
(1) ~~west~~ south side (down) of Broad Run
Creek below Bererly Mill $1\frac{1}{2}$ miles
in old pasture; common, full bloom.

8494 ~~*Mahonia repens*~~ *neglecta* Walbr. Bull Run Mt., Va
(3) At Bererly Mill, therefore ~~of~~ Prince William Co
in waste pond; full bloom. May 4, 1941
H.A. Allard.

8495 *Lepidium campestre* (L.) R. Br. ditto
(2) waste ground with #8494
abundant; full bloom.

8496 *Pyrus (aronia) whitifolia* (L.) Medic ditto
(2) on rocks back of Bererly Mill;
further down; full bloom, very showy
(red fruit)

8497 *Euphorbia obtusata* Pursh ditto
(2) Below Bererly Mill on flood plain;
down Broad Run on Triassic;
very abundant.

Cardamine hirsuta (Schreb.) B.S.P. Bull Run Mt., Va
(1) (interfluent) in bloom. Prince William Co
1 mile down Broad Run. May 4, 1941
8498 ~~on~~ flood plain; Triassic H.A. Allard.
(2) Root, corolla from calyx 7 mm or long,
white.

8499 *Hydrophyllum virginianum* L. ditto
(1) Extremely abundant all along
Broad Run - in pure stands
after $\frac{1}{2}$ miles down.

8500 Red clover *Trifolium pratense* L. ditto
(13) Note hairy back nearly glabrous forms
2 miles down Broad Run
in pasture.

8501 *Carex blanda* Deneq. ditto
with #8500

8502 *Cyperaceae - Carex* ^{schk.} ~~8502~~ ditto
with #8500.

8502 a. *Cyperaceae - Carex* ^{schk.} ditto
Near #8502.

8503 *Barbarea verna* (Mill.) Aesch. ditto
(1) Near #8500; fully bloomed, and
everywhere in fields etc.

8504 *Veronica arvensis* L. ditto
(2) In old pasture 2 miles
down near #8500; abundant.

Ulmus fulsa Michx Bull Run Mt., Va
2 miles down Broad Run Prince William Co
left bank down; in fruit. May 4, 1941
H.A. Allard.

8505
(2)

8506 *Asimina triloba* Dunal ditto
(2) 2 miles down Broad Run
on flood plain near conglomerate
outcrop; very abundant, full bloom.

8507 *Alliaria officinalis* Andry ditto
(3) Near # 8506, and elsewhere
on Broad Run; abundant locally
in large colonies; in full bloom.

8508 *Platanus occidentalis* L ditto
(3) Near # 8505, along Broad Run
Very hairy when young.

8509 *Viburnum pumilium* L ditto
(3) On Broad Run near # 8507
in full bloom; very showy.

8510 *Aquilegia canadensis* L. ditto
(1) on steep shale outcrops 2 1/2 miles
down Broad Run; full bloom,
a few plants.

8511 *Silene caroliniana* var. *virginica* (Michx.) Clausen ditto
(2) on dry wooded bank above # 8510;
abundant, full bloom; very deep pink here.

Zizia aurea (L.) Hoffm. Bull Run Mt., Va
aptera (gray) form. Prince William Co
on dry woodland bank May 4, 1941
2 1/2 miles down H.A. Allard

8512 Broad Run near ditto
3 # 8511; abundant here; full bloom.

8513 Umbelliferae = *Thaspium barbinode* (Michx.) Nutt. ditto
(2) with # 8512
abundant here; full bloom.

8514 *Hydrophyllum virginianum* L ditto
(3) 2 1/2 miles down Broad Run
left bank.

8515 *Viola canadensis* L ditto
(4) On right bank of Broad Run
2 1/2 miles down - on flood plain,
where very abundant, in full bloom.
bl. white; lat. petals bearded; spurred petal
white lined.

8516 *Hydrophyllum virginianum* L ditto
(2) Near # 8515; abundant and
just in bloom; much visited by
bumble bees.

8517 *Allium canadense* L ditto
(3) Growing with # 8515; a large
colony here; no flowers, but heads
rupturing exposing bulbils; my first
Bull Run record.

8518 *Salix nigra* Marsh. ditto
(4) 2 miles down Broad Run
left bank in wet ground.
(♂ and ♀.)

Populus nigra L. Bull Run Mt., Va
Huge tree near # 8518 Prince William Co
on left bank 2 miles May 4, 1941
8519 down Broad Run; H.A. Allard.
3 1/2 feet in diameter (42 inches)
Virginia Foug.
(See Tidestrom's treatment Rhodora 16: 208, 1914.)

8520 *Staphylea trifoliata* L. ditto
(3) a colony near # 8519
in full bloom; my first Bull Run record.

8521 *Acerum canadense* L. ditto
(2) on steep slopes at conglomerate
outcrop 1 mile down Broad Run
left bank; full bloom; calyx lobes
reflexed.

8522 *Thapsus pennsylvanicus* Marsh ditto
(2) Near # 8521.

8523 *Rhododendron* *var. glandulosum* (Porter) Rehd.
(2) in open pine woods near
600 1/2 mile south of Bererly; ditto
full bloom.

8524 *Geranium carolinianum* Traugott ditto
(1) at Bererly Mill, in waste ground.
var. confertiflorum Fern.

8525 *Oxalis violacea* L. Prince William Co
(1) 1/2 mile down Broad Run below
Bererly Mill on dry bank where we ate; ditto
Full bloom: abundant on flood plain.

Veronica serpyllifolia L. Bull Run Mt., Va
In pasture on Broad Run Prince William Co
left bank 1 1/2 miles below Bererly Mill. May 4, 1941
8526 H.A. Allard
" "

8527 *Euphorbia obtusata* Pursh. ditto
" Near # 8526; abundant all
down Broad Run.

8528 *Lepidium campestre* (L.) R. Br. ditto
" Beside # 8526; very abundant;
full bloom.

8529 *Cruciferae* ditto
" Near # 8528
= *Sisymbrium officinale* (L.) Scop.
var. leucocarpum D.C.

8530 *Parthenocissus quinquefolia* (L.) Planch. ditto
(2) (glossy var.)
2 1/2 miles below Bererly Mill on
flood plain of Broad Run.
glossy var. more abundant.

8531 *Viburnum prunifolium* L. ditto
(2) Near # 8530; abundant;
very showy and in full bloom.

8532 *Graminae* ditto
" On steep wooded bank below
shale outcrop 2 1/2 miles below
Bererly Mill, left bank
= *Poa cuspidata* Nutt.

Euphorbia obtusata Pursh. Bull Run Mt., Va
on flood plain 2 1/2 miles below Prince William Co
Bererly Mill on Broad Run May 4, 1941
8533 Very abundant. H.A. Allard.
31

8534 *Hydrophyllum virginianum* L. ditto
(31) Near # 8533; large areas in
flower stand just in bloom; see Ht for
May 4, 1941

8535 *Galium aparine* L. ditto
(11) Near # 8533; very abundant,
just in flower

8536 *Celtis occidentalis* L. var. *canina* (Raf.) Sarg.
(31) On bank of Broad Run Creek
2 miles below Bererly Mill - where ditto
first extensive open pasture begins.

8537 *Houstonia caerulea* L. ditto
(11) 1/2 miles below Bererly Mill,
on bank of Broad Run, opposite
bank from # 8520, where I would expect to
find the plants; full bloom, white.

8538 *Oenothera longistylis* Allard's garden.
(15) var. *trachycome* Blake (Torr.) Arlington Co.,
H.A. Allard

8539 *Oenothera longistylis* (Torr.) DC. ditto
(41) Growing everywhere beside # 8538;
hairiness variable; some glabrous
and even glaucous; full bloom.

Euphorbia obtusata Pursh Bull Run Mt., Va
on waste ground at May 4, 1941
Bererly Mill, Fauquier Co.
H.A. Allard.

8540A. Top rock lichens on Triassic sand stone and shales ditto
(11) 2 1/2 miles down Broad Run below Bererly Mill
8540B. with # 8540A = limestone on rocks here.

8541 *Carex cephalophora* Michx. Arlington, Va
(11) 2.2. Too immature. Arlington Co.
May 4, 1941
H.A. Allard
Beside side walk
in front of

8542 *Lepidium densiflorum* Schrad. var. *tyhiense* (Thell.) Buzgard Mt., Va
(21) (basal leaves deeply pinnatifid, dry soil in yard where Culpeper Co.,
we worked, 1/2 mile May 11, 1941
from Mt. Spitalum H.A. Allard.

8543 *Carex glaucoidea* Tuckerman ditto
(1) on old railroad bank
beyond # 8542 - 1/2 mile toward quarries

8544 *Sisyrinchium mucronatum* Michx. ditto
(11) Near # 8543

1 full bloom, very showy all along old railroad to turn to mt.

8545 *Scleria Carex panicea* Bicknell ditto
(11) Near # 8542

8546 *Polygonatum commutatum* (Raf.) DC. ditto
(1) Near # 8543 - large colony almost in cinders; full bloom.

Oxalised
along railroad under
spur running to quarry. Buzzard Mt., Va.
(The Twins)
Culbether Co.
May 11, 1941
H.A. Allard,

8547

(2)

8548 *Carephirantella* Mack.

(1) Near # 8547

ditto

8549 *Carefoliolophora* Muhl.

(1) ~~Near # 8547~~
on top of flat rock second peak
where we ate.

ditto

8550 *Viola*

(1) with # 8547

ditto

8551 *Nuphar*

(1) In pool near quarry on Buzzard
Mt.; full bloom.
2 leaves
1 fl.

ditto

8552 *Euphorbia*

(1) Near # 8551 - on old rail road bank,

ditto

8553 *Euphorbia*

(1) Near # 8552

ditto

Rubus alleghaniensis Porter Buzzard Mt., Va.
On high rock, diapase (The Twins)
near top of first peak; May 11, 1941
H.A. Allard

8554

(1) *Primocane* (No glandular pubescence)
(2) *Floricanes* (velvety pub. beneath leaves)

8555 *Scleria oligantha* Michx.

with # 8548 - just beyond
wedge house where we parked.
on railroad bank.

ditto

8556 *Clematis ochroleuca* Ait.

(1) at top of first peak near #
8554; (past flower; in flower
at foot in woods.

ditto

8557 *Graminella-stipa arenacea* L.

at top near # 8556
(Fruit black like oats; abundant
in open sunny situations in woods,
just flowering.)

ditto

8558 *Scleria oligantha* Michx.

(2) In woods near top near
8556 (east slope)

ditto

8559 *Triopis pennsylvanica* Marsh.

(2) at top near # 8554

ditto

8560 *Veronica*

(1) on flat rock on easternmost
peak at top, where a soil core
of black, light plumb soil of birches.
We ate on this rock, and 8560, 8562, 8563, 8564,
8565, seen here. 8574.

ditto

Carex cephalophora Muhl. Buzzard Mt., Va.
near (The Twins)
on flat rock with ~~8560~~ Culpepper Co.,
where we ate - on further peak May 11, 1941
near 8561 at top; abundant, green
Rock we ate on nearby. H.A. Allard,
11

8562 *Rosa*

11 on same flat rock with # 8560; vigorous ditto
abundant, green; soil very shallow - colony.
5-6 in deep - see pH.

8563 *Cheilanthes lanuginosa*

11 on same flat rock with 8560; large ditto
but mostly dried from drought colony.

8564 *Barbarea*

11 On same rock with # 8560; in seed;
vigorous. ditto

8565 *Carex* where we ate

11 on flat rock in thin soil ditto
near # 8560. see pH. of soil.
= *Carex cephalophora* Muhl.

8566 *Oxalis*

Small cluster
on same rock with # ~~8565~~ 8561: vigorous, ditto

8567 *Commelina*

11 on same flat rock with # ~~8565~~ 8561

Vitis 8561

Buzzard Mt., Va.
near # ~~8560~~ full (The Twins)
bloom; very fragrant. (Culpepper Co.)
8568 May 11, 1941
H.A. Allard,
(3)

8569 *Parthenocissus quinquefolia* (L.) ditto
11 Near # 8568. Blanch

8570 *Sedum americana* L

11 in rock crevice on top ditto
flat rock near # 8568; just in bloom.
var.

8571 *Carya glabra* (Mill.) Sweet.

Near # 8568. ditto

(very abundant in these woods.)

8572 *Trapa*

11 Near # 8568 ditto

8573 *Parthenocissus quinquefolia*

(3) from *hirsuta* (Donny) Fern. ditto
on rocks of second peak west
slope, in woods.

8574 *Galium aparine* L

11 var. *villanli* (D.C.) Koch ditto
Top of flat rock with ~~8560~~ 8560.

Panicum. On dry railroad Buzzard Mt., Va
embankment just beyond Culpheffer Co.
where we parked car in moss May 11, 1941
8575 yard; level area before H.A. Allard.
(2) trailing slope of mt.

8576 *Gramineae*
" In thin woods in sag or valley
between the two peaks.

ditto

8577 *Gramineae*
" with # 8576

ditto

8578 *Panicum*
" with # 8576

ditto

8579 *Gramineae*
(2) with # 8576

ditto

8580 *Gramineae*
" at top of first peak above
quarries in dry sunny open situation.

ditto

8581 *Panicum*
" with # 8580

ditto

On dry, open woods at
top of first peak above
quarries
8582 *Gramineae*.
(2)

Buzzard Mt., Va
Culpheffer Co.
May 11, 1941
H.A. Allard.

8583 *Panicum*
" Near # 8575

ditto

8584 *Carex blanda* Deasy
" In woods on east slope of
1st peak; found as we returned
across valley from 2nd peak.

ditto

8585 *Scleria oligantha* Michx.
" Near # 8584.

ditto

Carex hirsutella Mack.
8586 on dry under railroad
" bed below quarries

ditto

8587 On dry rocky soil
" on first peak above quarries.
Carex muhlenbergii Schkuhr.
var. *exilis* Boott.

ditto

8588 *Carex cephalophora* Muhl.
" In rocky soil at top of first ditto
peak.

ditto

~~Carex lasiocarpa~~ Lamour. Buzzard Mt., Va
On flat rock below where Culpepper Co
we ate on second peak, May 11, 1941
8589 covered with thin H.A. Allard
2) soil.
= Carex nigromarginata Schreb.

8590 Carex cephalophora Muhl.
" on same rock with # 8589 ditto

8591 Galium
12) (fruit smooth) leaves in 4's
along road just below abandoned
summer cottage below quarries ditto.

8592 Oxalis
" young leaves bluish white with
matted hair - stems hairy ditto
(with # 8589)

8593 Plantago virginica L.
" on flat rock where we ate - 2nd peak, ditto
beside 8560: a few plants.

8594 one hop lichen from rocks
" on Buzzard Mt. ditto

8595 Carex lasiocarpa Lamour
" in dry soil on top of first peak ditto
with 8556

Lunularia perfoliata Buzzard Mt., Va
Beside spur railroad (The Twins)
Culpepper Co
8596 leading to quarries May 11, 1941
" and flower. H.A. Allard.

8597 Rubus frondosus Bigel. Allard's garden
" common form around this vicinity
canes strongly arching: no glandular pubescence, Arlington Co., Va
May 14, 1941
H.A. Allard

8598 Andropogon indica (Andr.) Focke. Allard's garden
12) along ditch near S.W. corner of garden
fl. yellow; a colony
(Has recently appeared) Arlington Co., Va
May 15, 1941

8599 Sanicula
" Very abundant in shade below ditto
until here; full bloom; fl. yellowish green.

8600 Plantago lanceolata L. Bull Run Mt., Va
" Roadside on # 600 Tranquiers Co
below Castello's house. May 18, 1941
H.A. Allard.

8601 Rubus allegheniensis Porter
3 primocanes
3 floricanes Roadside turning north past
white rocks at Hapsell; past fl. mostly
(glandular pedicels). Erect or slightly arching.
Earlier flowering than other species here. ditto

8602 Rubus frondosus Bigel.
Near # 860 roadside beyond
full bloom; very arching; fls. erect ditto
trailing ground; petals broad; hairy pedicels
only.

Nyssa sylvatica Marsh
var. *typica* Torr.
In pasture below white
rocks

8603 Doesn't break at this
var. *typica* Torr.

Bull Run Mt., Va
Fauquier Co.
May 18, 1941
H.A. Allard
North of Hopenell
Saf. along white rocks
ridge to road way
west.

8604 ~~*Nyssa*~~ *Ceraatum*
viscosum L.
Roadside below Castello's
house. ditto

8605 ~~*Nyssa*~~ *Viburnum dentatum* L.
(1) Roadside near Castello's
on #600, none in bloom here;
in full bloom at wash. D.C. ditto

8606 ~~*Nyssa*~~
(1) Low running dense
pasture *Rubus flagellans* Willd.
Roadside #600 below Castello's
Full bloom. = *Rubus flagellans* Willd. ditto

8607 ~~*Nyssa*~~ *Veronica peruviana* L. ditto
(1) Ditch bank near Hopenell
in pasture north of #600.

8608 *Nyssa sylvatica* Marsh
(1) var. *typica* Torr.
Twigs don't break when bent at
right angles. var. *typica* Torr. ditto

8609 *Parthenocissus quinquefolia*
f. *hirsuta* (Dorr.) Torr. ditto
(1) on rocks below white rocks.
(Hairy leaflets beneath) but variable in
quantity

Vitis aestivalis Michx.
on edge of nest just east of
white rocks and higher.
8610
(2)

Bull Run Mt., Va
Fauquier Co.
May 18, 1941
H.A. Allard
North of Hopenell Saf. on
white rocks ridge.

8611 *Vitis aestivalis* Michx. ditto
(1) with #8610

8612 ~~*Vitis*~~ *Dioscorea glauca* Michx. ditto
(1 9 13) (2 3) with #8610
(2 3)

8613 ~~*Vitis*~~ *Vaccinium stamineum* L. ditto
(2) with #8610
Full bloom.

8614 *Sassafras albidum* (Nutt.) Nees ditto
(2) Near #8610 var. *molle* (Raf.) Torr.
(Very hairy beneath)

8615 *Amelanchier canadensis* (L.) Medic. ditto
(3) Near #8610.
(Large green fruits only)

8616 *Hemlockia pubescens* Pursh. ditto
(1) (more in flower) var. *typica* Roemerh.
with #8610. glandular only; stamens much exerted. Labela.
bl. regular.

~~Agave~~
On white rocks ridge. Bull Run Mt., Va
Co
May 18, 1941
H.A. Allard.
8617 (1) Hairy, but not
glandiferous.
Rhododendron nudiflorum (L.) Torr.

8618 Carex pennsylvanica Desv.
(1) Near white rocks, in woods, ditto

8619 Geranium maculatum L.
(1) Near white rocks in woods ditto

8620 ~~Smilax puberula Michx.~~
(1) In woods near white rocks. ~~Princeton, Va.~~
interior valley of Jackson. ~~Near Harrison's~~
Hollow near Harris' quarry. ~~long acuminate leaves, glaucous M. white.~~

8621 Kalnia latifolia L.
(2) Near # 8620 - by roadside on 629. ditto

8622 Veronica arvensis L.
Roadside near Harris' quarry ditto
on # 629

8623 Oxalis stricta L.
(1) (yellow) Roadside near Fauquier Co
Happell, north of # 600 -
east of Mrs. Cox's home.
Not abundant.

Gramineae
In woods just west of Bull Run Mt., Va
white rocks. May 18, 1941
H.A. Allard.
8624 (1) Panicum fasciatum Poir. Fauquier Co.
8624 = Sphenopholis nitida (Spreng.) Scribn.

8625 Parthenocissus ^{vine} ~~folia~~ (L.) Planch.
(3) Near white rocks, ditto
Some hairs on upper surface
leaflets only; none below
+. hirsuta (Donn.) Fern.

8626 Carex digitalis Schreb.
(1) In woods near # 8625 ditto

8627 Nyssa sylvatica ^{black} var. typica Fern.
(2) Trigs merely tend at L. Some ditto
capitula beneath.

8628 Panicum
(2) On ledges just east of ditto
white rocks.

8629 Comandra umbellata (L.) Nutt. ditto
(1) with # 8628; full flower.
Roots deep down in crevices.

8630 Vitis aestivalis Michx.
(3) at ledges with 8628 ditto

Nyssa sylvatica ^{Mantl} var
typica Fern.

Bull Run Mt., Va
Fauquier Co
May 18, 1941

- 8631 (Leaves very shining
above; twigs break
easily at L.S.; papillae beneath.
at ledges east of White Rocks.

- 8632 *Rubus frondosus* Bigel. ditto
with # 8631.
canes arch to ground

- 8633 *Vitis rotundifolia* Michx. ditto
(2) with # 8631; not in flower.

- 8634 *Rubus occidentalis* L. ditto
at ledges with # 8631; just in flower.
abundant here where no competition.

- 8635 Gramineae ditto
(2) In woods near # 8631
Sphenopholis nitida (Spreng.) Scribn.

- 8636 *Carex virescens* Muhl. ditto
In woods near White Rocks

- 8637 *Cerastium viscosum* L. ditto
at Harris's gravies
below Harris's house, in
waste ground. Prince William Co

Plantago lanceolata
In waste ground at
Harris's quarry

Bull Run Mt., Va
Prince William Co
May 18, 1941
H.A. Allard.

- 8638 in Jackson Hallor
(2) Full bloom; *P. major* not yet
in flower.

- 8639 *Rubus frondosus* Bigel. ditto
near # 8638

- 8640 *Azalea Rhododendron multiflorum* L. Jac. ditto
(1) Harry; not glandular
Roadside # 629 in Jackson
Hallor beyond Harris's quarry.
Past flower.

- 8641 *Carpinus caroliniana* Walt. ditto
(1) In low ground near # 8640;
frequent.

- 8642 *Anthemis arvensis* L. ditto
(1) at Beverly Mill
Herford Df. Fauquier Co
(Full flower)

- 8643 *Sonchus asper* (L.) Hill. ditto
(1) Allard's garden
along ditch - Arlington Co. Va.
May 18, 1941
H.A. Allard

- 8644 *Parthenocissus quinquefolia* L. ditto
(3) at ledges east of
White Rocks. A few hairs on
undersurface of leaflets only.

Lichen, *Cladonia* ?
on limb on ground
at Cetraria colonies

8645 This material just given to me (5-22-41)
(1) by W. M. Diehl, hence out of date order,
Pine: *P. rigida* or *P. virginiana*.

Short Mt., Va
Shenandoah Co
May 12, 1938
W. M. Diehl

Silene antirrhina L
with # 8651

8652
(3)

Bull Run Mt., Va
Fauquier Co
May 25, 1941
H. A. Allard

8646 Lichens on pine trigs ditto
(1) near or on ground, with
8645

8653 *Cerastium viscosum* L. glanduliferous ditto
(1) with # 8652
= *C. vulgatum*
var. *hirsutum* Trice
f. *glandulosum* (Boern.) Druce

8654 *Brassica* Druce ditto
(1) with # 8652
= *Sisymbrium officinale* var. *leucocarpum* DC

8655 *Artemisia serpyllifolia* L ditto
(1) with # 8652.

8656 *Vitis* ditto
(2) Fence now thickened near 8652

8657 *Viburnum dentatum* L ditto
(2) Fence now thickened near # 8652
full bloom - from same bush
as # 8605

8658 *Rosa blanda* Ait. ditto
(3) In field across road from
Castellus on # 601; full bloom.
(near for Bull Run area)

8647 *Viburnum* H. A. Allard's garden
(1) This bush orig. in Burlington garden
my garden wild, Arlington Co., Va
full bloom & passing here on May 22, 1941
V. dentatum in front yard H. A. Allard
only in bud.

8648 *Crataegus phaeopyrum* (L.) Redif ditto
(3) Large trees full bloom in my
garden; originally from seed by me.

8649 *Anemone arvensis* L. Bull Run Mt., Va
waste ground at Berry Mill, Fauquier Co.
May 25, 1941
H. A. Allard

8650 *Malva neglecta* Walbr. ditto
(5) with # 8649

8651 *Malva neglecta* Walbr. ditto
(2) In field below Castellus at
Hafenell Gap near highway 60

Rubus frondosus Bigel. Bull Run Mt., Va
stems arching; thick
by roadside #1601 near
#8652; full bloom; May 25, 1941
mostly past in wash. D.C. H.A. Allard.
one floricanes
" primocane.

8660 *Gramineae* ditto
11) at brook head of Costello's originating
at Riley's lower Tatch's spring.
= *Festuca obtusa* Spreng

8661 *Houstonia purpurea* var *pubescens* Britton ditto
11) In old field where lone pine
(*P. echinata*) grows.

8662 *Trifolium procumbens* L ditto
11) same field with #8661; abundant,
full bloom.

8663 *Maclura pomifera* (Raf.) Schneid. ditto
(2) at old cabin across Hopewell Gap.
road #628 near White Oak grove, near
Hopewell.

8664 *Cerastium viscosum* L (glanduliferous) ditto
11) at old cabin with #8663.

8665 *Malus pumila* Mill ditto
(2) In old field near #8663;
seedling; cult. form.

Sarya tomentosa Lam.) Mill Bull Run Mt., Va
at north edge of white oak Tranquier Co
#8666 more west of #8663 May 25, 1941
H.A. Allard.

8667 *Carya glabra* (Mill.) Sweet ditto
141 Near #8666
fruit pyriform, with splitting half
way to base

8668 *Plantaginifolia* ~~as~~ *intermedia* 2 ditto
(none in flower). In pasture
just west of white oak grove before
wild apple locality is reached.
leaves coarsely serrate-dentate.

8669 *Rubus frondosus* Bigel. ditto
In same field with #8668
3 primocanes, 1 floricanes.
leaves arch, serrate, but strong, stiff.

8670 *Rubus argutus* Link. ditto
one floricanes, 1 primocanes.
In same pasture near wild
apples. Rather arching

8671 *Malus lanceolata* Sch. ditto
11) In pasture west of white oak grove,
near #8670

8672 *Crataegus crus galli* L. ditto
12) Near #8671
(in fruit) green.

8673 *Crataegus pruinosa* (Muhl.) Bull Run Mt., Va.
in pasture west of Tangier Co.,
May 25, 1941
8673 white Oaks grove near H.A. Allard.
(2) wild apples #8671. ^{Rock,}

8674 *Gleditsia triacanthos* L. ditto
(1) in pasture east of wild apples.

8675 *Celtis occidentalis* var. *canina* (Ref.) ditto
(2) along fence row near #8674 ^{arg.}

8676 *Vitis vulpina* L. ditto
(1) with #8675

8677 *Malus* ditto
(3) near #8675

8678 *Celtis occidentalis* var. *crassifolia* (Lam.) Gray. ditto
(2) along fence row near
Hefnerell, but west of #628
(H. 393 of Dean's book, says roughness
not good as a character)

8679 *Sisyrinchium graminoides* (Pursh.) Bickn. ditto
(1) in meadow at Hefnerell

Carex blanda Carey Bull Run Mt., Va.
in meadow near Tangier Co.
#8679 May 25, 1941
8680 H.A. Allard.
(1)

8681 *Dioscorea glama* Muhl. ditto
(1) in thicket near #8679

8682 *Vitis labrusca* L. ditto
(3) in thicket across road near
west from white Oaks.

8683 ~~*Vitis*~~ *Malva rotundifolia* ditto
~~near #8682~~ var.
at Beverly Hill in waste ground.
= *Geranium carolinianum* Ferry
var. *confertiflorum*

8684 *Consolida* ditto
(1) in old, dry field near
#8682

8685 *Lepidium virginicum* L. ditto
(1) in old field near turn of
road west from its north course
opposite White Oaks.

8686 *Geranium carolinianum* Ferry ditto
(2) in castles field below
his house with #8651.

Geranium columbinum L. Bull Run Mt., Va.
 In old grassy pasture Fauquier Co.,
 near cabin beside May 25, 1941
 8687 # 8665; delicate plant H.A. Allard.
 (4)

8688 *Vitis vulpina* L.
 (3) In lane leading near white
 Rocks from road way below (west) ditto

8689 *Populus deltoides* Michx.
 (5) ~~*fraxinoides*~~
 near white Rocks, where several
 trees found. ditto

8690 *Myrica sylvatica* var. *caroliniana* (Pursh) Presl.
 (3) near # 8689 ditto
 (Trigs bend; down/ break when
 bent at L.S. all from same tree.)

8691 *Hemlockia pubescens* var. *typica* R. B. Sp. Pl.
 (2) on ledges east from white ditto
 Rocks. Just in flower. From
 same colony as # 8616.

8692 *Carex*
 (1) In pasture across road west ditto
 from white Rocks.

8693 *Carex grisea* Walp.
 (1) In meadows near 8679. ditto

Carex normalis Michx. Bull Run Mt., Va.
 In meadow near May 25, 1941
 H.A. Allard
 8694 Haverell (with Fauquier Co.
 (1) # 8679

8695 *Cerastium ~~vulgatum~~ ^{var. *hipocistum* Fries.}*
 (2) ~~*viscosum*~~ ditto
 some glands
 In old field below Costello's
 on # 601, (with 8653)

8696 *Vitis labrusca* L. ditto
 (1) woolly (white) beneath.
 In fence row thick just below
 Costello's on # 601 - near # 8695

8697 *Veronica officinalis* L. ditto
 (1) with # 8695
 In dry, sterile galled soil.

8698 *Physocarpus opulifolius* (L.) Maxim. ditto
 (1) In Jackson Hollow by road side,
 damp soil near Harris quarry
 on # 628: (full bloom; very showy.)

8699 on ledges east of white Rocks. ditto
 (1) fl. yellow, small like *venethora*
 Infrequent: just in flower.
 = *Helianthemum canadense* (L.) Michx.

8700 *Acer saccharinum* L. ditto
 (2) North of Owens on # 628
 in dry woods.

Veronica across from Bull Run Mt., Va
In old field where ^{Franklin Co}
May 25, 1941
8701 road turns from H.A. Allard.
(1) north to road below west slope of
white rocks. White Rocks Cr.
- *V. arvensis* L

8702 *Asclepias syriaca* L
(1) (Not in flower) In old field ditto
near # 8701

8703 *Prunus arum* L ditto
(1) In fence row thick on high
pasture ridge S.W. of Hopewell.

8704 *Equisetum arvense* L water ditto
(1) In meadow at old mill
west of Hopewell, just off 601 (N.)

8705 *Stellaria longifolia* Muhl. ditto
(1) In meadow with # 8704

8706 *Nyssa sylvatica* var. *caroliniana* (Poir.) Torr. ditto
(2) Trunk breaks easily when
bent at L
In high pastures west of Hopewell.
Broad Run road, S.W. of Hopewell,
from same tree.

8707 *Brassica* ditto
(1) growing near wild apples in pasture
west of white Oak grove.
- *Sinapis officinale* var. *leiocarpum* DC.

Cerastium viscosum L Bull Run Mt., Va
at old cabin near # 8663 ^{Franklin Co}
May 25, 1941
8708 some not sticky. H.A. Allard
(1)

8709 *Carex muhlenbergii* var. *energis* Boott. ditto
(1) In old field just east of Boott.
wild apples, west of Hopewell ~~to~~
Broad Run highway.

8710 *Carex phaceloides* Mack. ditto
(2) In old field west of highway
running at foot of White Rocks slope.

8711 Bog rock lichens from ditto
(1) rocks near wall S.W. of
Hopewell on high pasture ridge.

8712 *Carex luskii* Mack. ditto
(1) In pasture west of White Rocks
(west of high below on west slope.)

8713 On spruce logs ditto
(1) and stumps
near where beaver dam is
where we pitched our tent.
Canaan Valley,
Tucker Co., West Va.,
May 31, 1941
H.A. Allard
8-9 miles east of Davis
at head of Little Black
water Creek near beaver
ponds

8714 with # 8713 ditto
(1) On old logs.

8715

8-9 miles east of Davis

with ~~8~~ 8719.

8722 Very abundant.

8216

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8728

11/ ~~with~~ 8719

Carex gracillima ^{schumacheri} 1, Campan Valley, W. Va.
below beaver pond, 9 miles
east of Davis and
where we pitched
tent for swamp. May 30, 1941
H.A. Allard
" frequent; in
wet soil here etc.

8730 *Carex intumescens* Rudge ditto
" with # 8729.
In wet muddy soil in rhododendron-
spruce swamp across from our tent; common

8731 *Picea rubens* ditto
with 8729

8732 *Carex debilis* var. *rudgei* Bailey ditto
" with 8730: frequent.

8733 *Carex leptomeria* Fern. ditto
" with # 8730 before here: # 6895
collected by H.A.A. by Core or Mackenzie,
not reported in W. Va.

8734 *Carex intumescens* Rudge ditto
" with # 8730 frequent.

8735 *Carex folliculata* L ditto
" with # 8730: frequent;
immature.

In wet soil near beaver dam, Campan Valley,
Hickory Co., West Va.
May 30, 1941
H.A. Allard
9 miles east of Davis
& beaver ponds.
Carex leptalea Wahl.
8736
" "

8737 *Aster* ^{*cruciferus*} ditto
" (fl. white)
with # 8736; abundant
in swamps here.

8738 *Veronica* ditto
" in water and mud
below beaver ponds; full bloom.

8739 *Sparganium angustifolium* (Potamogeton) ditto
" covering upper side of beaver
dam below water line,
acting as an obstruction to
holes etc., seems to be used by
beavers for climbing holes etc.

8740 *Carex intumescens* (Pers.) Poir. ditto
" with # 8730; abundant.

8741 *Carex stipata* Muhl ditto
" at beaver dam; abundant.

8742 *Trillium*
" petals pink striped; in wet
mossy soil 3 miles east of Davis
on old Hunter R.R., May 30, 1941
on walk to camp.

Mass
On stems of
Rhododendron in
8743 swampy at camp. of Davis, 2 miles below
Canaan Valley, Tucker Co.,
West Va.; 9 miles east
of Davis, 2 miles below
beaver ponds.
May 31, 1941
H.A. Allard.
Plagiotherium micans (Sw.) Pers.
plus Bazzania trilobata (L.) S.F. Gray.

8744 Oxalis
" on steep bank.
On route to Petersburg
leaving #32 from Davis
11 miles below Davis,
about 3 miles in on this
highway. June 1, 1941
H.A. Allard.

8745 Azalea calendulacea
" ditto
Near # 8744, on hillside here;
very showy, full bloom.

8746 Geranium
" on steep embankment by
roadside 1 mile beyond # 8745 ditto

8747 Carex stipata Muhl.
" ~~near~~ at beaver plain ditto
May 30, 1941

8748 Geranium
(2) on U.S. route 50 between Romney, W. Va.
and Winchester, Va., 20 miles beyond
Romney, Hampshire Co., June 1, 1941
H.A. Allard. On shale banks.

8749 Pentstemon
(2) on shale banks
along # 220. Very
abundant, showy.
Between Petersburg
and Moorfield, W. Va.,
Hardy Co.,
on U.S. 220.
June 1, 1941. H.A. Allard

Pentstemon
on shale banks.
8750 very abundant,
(4) full bloom,
showy.
Raymond Romney 20 miles
on road # 50 to Winchester.
Hampshire Co.,
June 1, 1941
H.A. Allard.

8751 Pentstemon
" on shale banks;
abundant, showy. Near Moorfield, W. Va.
Hardy Co.,
June 1, 1941
H.A. Allard
On U.S. 220.

8752 Pennic linearifolium Sailer ditto
(5) One clump; with # 8751

8753 Oxalis
(3) on shale banks
half way between Moorfield
and Romney, W. Va., on # 220 ditto

8754 Pentstemon
(5) Deep pink, very showy; on
shale banks 18 miles from Petersburg
on highway leaving # 32 11 miles below Davis
across mountain country, past Dolly Sods, lower
to Petersburg. June 1, 1941. H.A. Allard

8755 Pentstemon
(3) with # 8754 ditto

8756 Lepidium virginicum L.
" on shale near # 8754 ditto

Carex boena Willd.
on shales on mountain road
to Petersburg leading off #32 - 11 miles
8757 below Davis, W. Va. Hardy Co.
(2) June 1, 1941. H.A. Allard

8758 Canaan Valley *Picea rubra*
" Tucker Co.
9 miles east of Davis
and 1/2 mile below beaver dam.
May 31, 1941.

8759 H.A. Allard one a great forest here.
(8) Between Romney and Winchester, W. Va.
on #50, 20 miles beyond Romney,
Hampshire Co. June 1, 1941
on shale outcrops.

8760 *Hemlock americana* L. var. *typica* Rollins
(full bloom) Butters & Zabella
(1) *Houstonia serpyllifolia* Michx.
This species is near var. *toponotum* Pease & Moore
as tube not longer than lobes of corolla, i.e.
relatively short. Canaan valley
shales Co. W. Va.

8761 *Viola*
(1) cany just below beaver dam; abundant
as moist banks (open) full bloom.
at 2nd sandstone heap near south end Short Mt., Va.
foot of Short Mt. in open thickets, Massanutten,
Shenandoah Co. June 6, 1941
H.A. Allard.

8762 *Rhus aromatica* Ait.
(4) Fruit now red, ripe; abundant
on shales proper. ditto

8763 *Sanicula trifoliata*
3 1/3 in woods at foot, and on
high shales proper; frequent. ditto

Lafelia, in open thickets south end Short Mt., Va.
by roadside just above Massanutten,
Shenandoah Co. where we park - i.e. June 6, 1941
8764 at 2nd sandstone heap H.A. Allard
131 east.

Oxalis with # 8764; abundant ditto
8765 at 2nd sandstone pile east.
131

8766 *Houstonia*
(4) with # 8764; just in flower; ditto
(5) abundant on shales well up out.

8767 *Papaver*
(1) with # 8764; also in pasture ditto
cleared on shales below there.

8768 *Oxalis*
(1) in open ground where we park ditto
car at foot of Short Mt. in cleared
pasture contiguous to barrens proper.

8769 *Anagallis arvensis* L.
(1) with # 8768; frequent here and ditto
in pastures just below shales proper.

8770 *Arabis canadensis* L.
(1) in woods at same place just ditto
beyond where we park.

Galium circaeagum Michx. South end Short Mt., Va.
 In ravine, wooded, Massanuttes
 near where we park Shenandoah Co.
 87771 at foot. June 6, 1941
 H.A. Allard

(1)

Verbascum Hattaria L.
 87772 flowers yellow. By roadside ditto
 on shale at foot.

(1)

87773 *Rosa*
 (1) In open thicket at foot, and
 on shale mts. abundant, full
 bloom. ditto

87774 *Anthem. arvensis* L.
 (1) On shale in pasture at foot ditto
 of slope; abundant.

87775 *Geranium* at foot of
 (3) road way where we parked, ditto
 in open thicket; frequent.

87776 *Oxalis*
 (1) In thicket on shale at foot ditto
 near highway, where we park;
 abundant

87777 *Veronica*
 (3) On shale and in dry pasture ditto
 thickets on shale slope;
 frequent.

July 21, 1940. To Bull Run Mt., Va.
 following valley road course to Hagerell
 (Jaff) Castellia's & Riley's spring theme
 high up west slope through woods
 to High Point cliffs, and back to
 car via Broad Run and spouting
 spring and railroad trail.

Temp. (air) 97°. Walked $6\frac{3}{4}$ miles
 by pedometer. Went with Mr.
 Wagner, Miss Antoinette Ketsner
 and Mr. Ransing.

Aug. 3, 1940. To Short Mt. with above
 party, including an addition of a
 High School boy Mr.
 walked up shale barrens to top,
 beyond and return - $2\frac{3}{4}$ miles
 by pedometer.

Aug. 14, 1940. To Bull Run Mt. alone by Bus.
 Followed mill race and Broad Run to
 Broad Run Sta., then up slope to ledge
 and south to spouting spring, walked $2\frac{1}{2}$
 mi. by pedometer.

Aug. 25, 1940. To Bull Run Mt. with P.
 walked up to spouting spring east of
 valley road, then to High Point and
 return along trail from High Point
 to Mill. Walked 4 miles by pedometer.

to Oriskany. Distance by pedometer = $4\frac{1}{4}$ miles

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Sept. 1, 1940. To Hagerell Gap area,
Bull Run Mt., Va., with P.
walked along interior valley above
Antioch from Hagerell - Antioch
road north to swamp north of
pastures where colored idiots lived.
Thence west of east slope to top
of ridge and south to starting
point at Hagerell Gap where Viola
pedata is so common on banks.
Distance walked = 3 miles by pedometer.

Sept 2, 1940. To Shale Barrens at
foot of Pugh's Run near
Woodstock, Va., via Massanutten
Mt., then drove to Elliott
Knob near Staunton, with
Dr. Sweeney of Entomology and
Plant Quarantine. Covered 6 miles
on entire walk.

Sept. 8, 1940. To Bull Run area
with Proctor & Son, walking
down Broad Run from Berkeley
Mill as far as large Celtis
trees. 2 miles down stream.
walked 4 miles on this
walk.

Sept. 15, 1940. To Bull Run Mt., with P.
walking from Hagerell Gap (Oronsa)
on west slope to Mrs. Cope's. Thence
to White Rocks, on to Harris Place
and quarries and return via road
to Oronsa. Distance by pedometer = 4 3/4 miles.

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Sept 21, 1940. To Woodstock, via
Panama & Loring with D. - Sept. 22,
1940 walked from foot of Pugh's Run
east to steep shale barrens where
fell and cut my arm, then
north about mid way of ridge across
the rock slides to the "Barrens",
beyond Mr. Boyer's, then to
car on trail along the sherrandale.
walked $4\frac{1}{2}$ miles by pedometer.
slipped and cut my arm severely on
the barrens at Pugh's Run, having
it treated by a doctor in the
drugstore at Woodstock in late
afternoon at a charge of 15 cents,
only (I insisted that he take 25 cents
at least).

Sept. 29, 1940. To ^{high} shale Barrens
east of Mr. Burner's at foot of Pugh's
Run south east of Woodstock in
Massachusetts with T. walked $3\frac{1}{2}$ mi
by pedometer.

Oct. 6, 1940. To Bull Run, walking
from Castellaz to west slope of tr.
High Point & return with T. walked
 $3\frac{1}{2}$ miles by pedometer. Saw huge
rattlesnake at High Point cliffs.

October 10, 1940. To Switch end Short Mt.,
in Massachusetts with A. B. Durray,
walked $3\frac{1}{2}$ miles by pedometer.

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October 12, 1940. To South end
of Short Mt., Massanutten range,
Va with A. B. Sweeney, and to
shale barrens at end of road
from P. O. at Maurentown,
walked $3\frac{1}{2}$ to 4 miles by pedometer.

October 13, 1940. To Hagerell Gap
with P. and daughter walking
to wild crab trees & return. Walked
 $3\frac{1}{2}$ miles by pedometer. Very lame
from ruptured Sartorius muscle in
right leg done August 12 on
top of Short Mt., Massanutten.

Nov. 3, 1940. To Hagerell Gap with T.,
walking past Castello's and Riley's
springs, to the bare areas thence to
High Point Cliffs and return, i.e. $3\frac{1}{2}$
miles by pedometer.

Nov. 10, 1940 To Bald Knob, Augusta Co
with D., climbing this from Camp Todd
Nov. 11. Walked 6 miles by pedometer.
Nov. 12. climbed south end of Short
mt. poles. walked $1\frac{1}{2}$ miles.

Nov. 17, 1940. To Hagerell Gap with T.
walked to bare areas thence to
High Point and return. walked
 $3\frac{3}{4}$ miles by pedometer.

November 21, 1940. Day, warm.
To Bull Run Mt., with T. walked
from Castello's at Hagerell Gap back
of Owens down valley road to
Mrs. Harris's near quartz boulder,
thence across to old Riley cabin,
thence south to Mrs. Galtby's, thence
ad south to car, -
to Chestnut Tree spring and to car,
6 miles by pedometer. Found
mistle toe on red maple - my first
record in Bull Run. #8306. Carried
35 lbs all the distance in my pack -
ie camera 12 lbs 18 lbs w/ w/ lichen.
Found a living female *Orebelium minor*
on rock at base of pine tree in pine
grove north of Harris place. Thence to Sweeney.

Dec. 1, 1940. To Bull Run Mt., Va., with T.
walked up to Castello's spring, thence
to Big White oak grove and to pastures
N., then up north & red slope to
High Point Cliffs - covering $3\frac{1}{2}$ miles
by pedometer.

Dec. 8, 1940. To Bull Run Mt., with T.
walked to high broad edge field,
thence to bare areas and up to
High Point Cliffs and return $2\frac{1}{2}$
miles by pedometer.

December 22, 1940, To Bull Run
1st., with T. visited the mistletoe
land, walked from castle down
road east to valley to Chestnut Tree
spring, then up ridge and return
by roadway 629 to car. walked 3 miles
by pedometer.

January 1, 1941, Take same walk with T.
as on Dec. 22, 1940. walked $3\frac{1}{2}$
miles by pedometer.

January 5, 1941. To High Point, parking at
Thoroughfare Gap (with T.). walked $5\frac{1}{2}$
miles by pedometer. Carried back a
pack including rocks weighing 41 lbs.
Temp. at cliffs at noon 22° F. going to
 26° briefly at 1 P.M.

January 12, 1941. Take same trip as on Jan. 5,
to Thoroughfare Gap and High Point.
beautiful, fair, warm all day. walked
back from High Point with 42 lb. pack of
rocks lichens etc. (with T.) 5 miles by pedometer.

January 19, 1941. Take same trip
as on January 5. Cold, clear, very
windy with T. walked $4\frac{1}{2}$ miles by
pedometer; carried back 30 lbs. rocks
with lichens. Bad ice storm a few days ago
breaking down electric & telephone poles from
Haymarket to Bererley Mill. Temp. 27°

January 26, 1941. To High Point Cliffs via
Hawell Gap. collected lot of *Pinus rigida* forma
globosa for Clarence McK. Lewis,
Skylands Farm, Shloatsburg, Rockland Co., N.Y.
walked $3\frac{1}{2}$ miles by pedometer.

Feb. 2, 1941. To High Point cliffs
with T. - parking at Bererley Mill.
walked $4\frac{1}{4}$ miles by pedometer - ie
2 miles to cliffs. cloudy; 3 in. snow
on ground.

Feb. 9, 1941. To Harris ridge N. of
Hawell Gap. with T. parking at
O'neal property. walking to Mistletoe
via Chestnut Tree spring. walked
 $3\frac{1}{2}$ miles by pedometer.

Feb. 22, 1941. To High Point Cliffs
with K. from Bererley Mill, Thoroughfare
Gap. walked $4\frac{1}{4}$ miles round trip.
weather with brilliant sun; very windy;
air temp shade at noon $= 30^{\circ}$ F.

March 23, 1941. To Bull Run with
K. parking at Bererley Mill. walked
 $2\frac{1}{4}$ miles north along wood road
bypassing Catlett's Run, thence
near up to High Point, and south
along ridge below cliffs along
east slope to Bererley Mill. By
pedometer walked $5\frac{1}{2}$ miles. Met
Mr. Graham an agreeable white
man, and a worthless, rather
abnormal colored giant Leslie Stokes.
Saw two great blocks of geese in V
shaped formation about 1 P.M. going
W. N. W.

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March 30, 1941. To Hapenell Gap with K.
Parked between Owens & Castello properties.
walked past Riley cabin now owned by
Mr. & Mrs. Fitch of Alexandria (160 acres of land
including high brown edge field). Collected
rock lichens on ridge east of High Point
ridge here. walked $3\frac{1}{4}$ miles by pedometer.

April 6, 1941. To Hapenell Gap with T. walked
up trail to High Point Cliffs then back at
foot of cliffs major - covered $4\frac{3}{4}$ miles
by pedometer. Light sprinkle in forenoon.

April 13, 1941. To Hapenell Gap, parking
between Owens & Castello properties.
walked down road to ~~foot~~ point
near end of middle ridge then to
chestnut tree spring, mistletoe, then
up the ridge and along its crest to
Harris quarry then down road way
to a point near Ashby's down road,
eroded road way, and across the
ridge west of chestnut tree spring
to car. walked $6\frac{3}{4}$ miles. Found
T. Found small ant, *Cladonia*
rangiferina on this ridge.

April 20, 1941. To the aeronautic tower
on Bull Run Mt. 6 miles N. of Hapenell
Gap with K. walked to top, a distance
of about $\frac{3}{4}$ mile from highway. walked
about 2 miles in total. Temp at
top shade = 90°. Official for March 940

May 25, 1941. To Bull Run Mt. with T.
Parked at Castello's - ie junction of
601 with 628. walked west to high pastures
W. of Hapenell - Broad Run highway
to wild apples, then S. and N. E.
to point west of White Rocks, then
to White Rocks, to Harris quarry, and
on 628 to car, a distance of $7\frac{3}{4}$ miles
by pedometer. Found several trees
of *Populus deltoides* near White
Rocks. See #8689.

May 29, 1941. Leave for Canaan Valley,
W. Va., Truck Co. Eat supper in Winchester
at 6:40. stop over in New Century Hotel,
Romney. Drive to Davis May 30.
walk from Davis, W. Va., leaving
11 A.M. with 60 lb. pack along old
lumber rail road bed to bear ponds
8-9 miles east of Davis where I pitched
tent, arrived here at 4 P.M. slept on
ground night of May 30. walked
back to Davis May 31, with 60 lbs.
plant press etc. collected *Grisebacia*
sternandsonii on this trip, in
swamp where I pitched tent.

June 6, 1941. To Short Mt. south end with
A.B. Lurvey. walked to top and return,
using $3\frac{1}{2}$ miles. Returned via
Ponelli Hart Valley road.

March
Parke
Walker
Sm. & P.
includ
rock &
ridge.

April 6
up trail
food a
by pedo

April 13
between
valley
near ex
chestnut
up the r
Harris.
to a poi
eroded
ridge n
to car
T. Tom
rangin

April 2
on Bull
Hill with
of about
about 2
top sh

Find *Cladonia rangiferina* on some
rock shelter at High Point. Jan 12, 1941.
house here.

all numbers with symbol e and
replaced.

April 27, 1941. To Bull Run Mt., Va.; therefore
with the Capital Hiking Club.
crossed the left and right bank of
Broad Run below Bererly Mill for $1\frac{1}{2}$
miles then nearly to Broad Run
station above Bererly Mill. walked
miles by pedometer collecting
many plants.

May 4, 1941. To Bull Run Mt., with T. walked
along flood plain left bank down
Broad Run from Bererly Mill $2\frac{1}{2}$ miles,
up on right bank, covering 5 miles
by pedometer.

May 11, 1941. To Buzzard Mt., Culpeper Co.,
walked over both peaks and deep valley
between; distance by pedometer = 4 miles.

May 18, 1941. To Bull Run Mt., with H.
walked from Castell's south to
Jewell, then north across
stems of White Rocks ridge, then to
orris place and return by valley,
and 629, a distance of $5\frac{1}{4}$ miles by
pedometer.

